

# **Commercial FEEDING STUFFS 1958**

**Report on Inspection**

**H. J. FISHER**  
Chief Chemist

Bulletin 625  
August 1959





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# COMMERCIAL FEEDING STUFFS

## REPORT ON INSPECTION

1958

H. J. FISHER<sup>1</sup>

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### THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 428, General Statutes, Revision of 1958) imposes upon the Station: (1) all duties incidental to the annual registration of feeds offered for sale in the State; (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Food and Drug Commissioner for rules and regulations carrying out the provisions of the law.

The enforcement provisions of the statute are delegated to the Food and Drug Commissioner.

The following regulations were issued by the Director of this Station and the Food and Drug Commissioner in February, 1949:

### REGULATIONS

#### REGULATION 1. FEEDS NOT CLASSIFIED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (Sec. 22-112)

It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration: (1) roughages such as hays, straws, corn stover and ensilage; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grain and sold by the manufacturer directly to the consumer; and (5) feed mixed according to a formula furnished by the consumer, for his own use.

Under clause (2), above, registration will not be required for mixtures in which the ingredients, excepting corn, are whole grains. Corn, if present, may be whole or cracked.

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<sup>1</sup>Analyses are by Mr. O. L. Nolan (deceased), Mr. Richard Merwin, Mr. Werner Mueller, Mr. Raymond West, Mr. Walter Oliver, Miss Helen Kocaba and Miss Sunrae Agostini; biological assays under direction of Dr. Lester Hankin; microscopic examinations by Miss Janetha Shepard; and sampling by Mr. R. Richard Nichols. Compilations by Miss Eleanor Hopcraft.

Clause (4) refers to feed ground from materials furnished by the consumer.

Under clause (5) feed is regarded as "mixed to order" and must be so tagged together with the name of the customer for whom it is mixed, or otherwise identified to distinguish it from regular brands offered for general sale. Such feed must be sold only to the customer for whom it was mixed; if sold to others it becomes a regular brand and subject to registration and other provisions pertaining to feeds in general.

## REGULATION 2. METHOD OF LABELLING (Sec. 22-113)

All concentrated commercial feeding stuffs, other than vitamin D carriers, must be labelled either by a statement printed on the bag or upon a properly attached tag; in the case of concentrated feeding stuff sold in bulk, a certificate which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The use of wire or any metal in affixing tags is prohibited by law.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark, under which the feed is sold, (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition or formula.

## REGULATION 3. CONCERNING VITAMIN D CARRIERS

Vitamin D carriers are required to be registered in the same manner and under the same conditions as obtain for feeds in general.

Information to be given on labels and in applications for registrations is (1) name of product; (2) vitamin D potency in terms of A.O.A.C. chick units per gram; (3) name and address of manufacturer, distributor or other person responsible for the product; and (4) on the label, a statement of net weight or volume.

The A.O.A.C. chick unit is the vitamin D activity produced by one U.S. Pharmacopoeia unit of vitamin D from the U.S.P. "Reference Cod Liver Oil", determined by the method of assay adopted by the Association of Official Agricultural Chemists.

## REGULATION 4. CONCERNING COTTONSEED MEAL, ETC.

Cottonseed meal, linseed meal, soybean meal, and other vegetable feeds that are sold as fertilizer, are required to be registered under the provisions of the fertilizer law in addition to registration as feeds. If sold exclusively for one or the other of these purposes, the articles may be registered only under the law which applies.



For such of these articles as are used for fertilizer purposes chiefly or entirely as sources of nitrogen, only nitrogen (or protein) need be declared in the application for registration as fertilizer; and the tags or labels generally attached to such articles when intended for feeding purposes will be acceptable for them when sold as fertilizer.

REGULATION 5. DUTIES OF MANUFACTURERS, JOBBERS  
AND DEALERS WITH REFERENCE TO REGISTRATION  
(Sec. 22-114)

All concentrated commercial feeding stuffs, including vitamin D carriers, must be registered with the Connecticut Agricultural Experiment Station annually on January 1, or before they are offered for sale. Registration blank forms are supplied by the Station.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

REGULATION 6. DEFINITIONS OF TERMS USED IN THE LAW  
AND OF OTHER TERMS

Person. The term "person" imports the singular or the plural as the case demands; and includes corporations, companies, societies and associations.

Importer. The term "importer" is defined in the act.

Brand. It is held that a distinct brand name, or a distinct analysis, constitutes a distinct brand.

Definitions for Feeding Stuff. The definitions and standards for feeding stuffs adopted from time to time by the Association of American Feed Control Officials are accepted as official in carrying out the provisions of this law; and the rules and regulations as adopted by that association are accepted as far as possible and when not inconsistent with the Connecticut Statutes.

REGULATION 7. METHODS OF ANALYSIS  
(Sec. 22-113)

The methods of analysis employed shall be those prescribed by the Association of Official Agricultural Chemists, wherever such methods have been adopted for the determinations desired.

REGULATION 8. CONCERNING MEDICATED FEEDS AND  
MINERAL MIXTURES

The law does not include medicated products used as "conditioners" for stock and poultry, and which consist essentially of

substances possessing, or claimed to possess, medicinal or conditional properties; nor does it include products consisting of supplemental minerals.

#### REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

The same feed offered in different physical forms, e. g., mash and pellets, requires but one registration.

#### REGULATION 10. REVISIONS AND SUBSTITUTIONS OF REGISTRATIONS

A feed registration after being filed may be revised without payment of an extra registration fee.

A brand of feed duly registered and subsequently discontinued may be replaced by another brand for the unexpired period of registration without payment of an extra registration fee.



## REGISTRATIONS

For the period January 1, 1958 to December 31, 1958, 204 firms registered 1,618 brands of feedingstuffs, and 27 firms registered 76 brands of vitamin carriers.

ACME-EVANS CO. INC., 902 W. Washington Ave., Indianapolis 9, Ind.

Acme Wheat Bran  
Acme Wheat Standard Middlings  
Acme Yellow Hominy

ALBERS MILLING CO., 5045 Wilshire Blvd., Los Angeles 36, Calif.

Albers Calf Manna  
Albers Rabbit Breeder Ration  
Albers Rabbit Family Ration  
Albers Rapid-Ade  
Albers Suckle

ALLIED CHEMICAL CORP., Nitrogen Div., P. O. Drawer 61, Hopewell, Va.

"ARCADIAN" Urea Feed Mixture  
"PROCADIAN" "275" Urea Feed Mixture

ALLIED MILLS, INC., 3400 Board of Trade Bldg., Chicago, Ill.

Sucrene 16% Dairy "E"  
Sucrene 16% Dairy "P"  
Sugarine 16% Dairy "E"  
Wayne All Mash Egg  
Wayne 14% All Mash Turkey Finisher  
Wayne 14% All Mash Turkey Finisher Medicated  
Wayne 18% All Mash Turkey Grower  
Wayne 18% All Mash Turkey Grower Medicated  
Wayne 22% All Mash Turkey Grower  
Wayne 22% All Mash Turkey Grower Medicated  
Wayne Breeder Medicated  
Wayne Broiler Feed (156) Medicated  
Wayne Broiler Feed (157) Medicated Glycarbylamide  
Wayne Broiler Feed (157) Medicated Nicarbazin  
Wayne Calf Grower  
Wayne Calfnip  
Wayne Calf Starter "A"  
Wayne Calf Supplement  
Wayne Chick Feed  
Wayne Chick Starter (132) Medicated  
Wayne Chick Starter (133) Medicated Glycarbylamide  
Wayne Chick Starter (133) Medicated Nicarbazin  
Wayne Complete Egg Medicated  
Wayne 16% Dairy  
Wayne 20% Dairy  
Wayne 24% Dairy "E"  
Wayne Dairy Mixer  
Wayne Dienestrol Diacetate(Lipamone(R)) 3-Nitro-4-hydroxyphenylarsonic acid & Nicarbazin Mixture Incorp. in Wayne 16% Finishing Feed  
Wayne Egg Medicated  
Wayne 26% Egg & Breeder  
Wayne Egg Producer "E"  
Wayne Fattening Pellets (161) Medicated

## ALLIED MILLS, INC., 3400 Board of Trade Bldg., Chicago, Ill. - Cont.

Wayne Fattening Pellets (162) Medicated  
Wayne 16% Finishing Feed Medicated  
Wayne Fitting Ration  
Wayne Grower  
Wayne Hog Balancer  
Wayne Horse Feed  
Wayne Medicated H-A-D (170)  
Wayne Medicated H-A-D (171)  
Wayne Medicated H-A-D (172)  
Wayne Medicated Stress Diet (175)  
Wayne Medicated Stress Diet (176)  
Wayne Mink Meal  
Wayne Pip-Z Poultry Wormer Medicated  
Wayne Pork Maker  
Wayne Pullet Builder  
Wayne Rabbit Ration  
Wayne Rocket Broiler Finisher (196) Medicated Glycarbylamide  
Wayne Rocket Broiler Finisher (196) Medicated Nicarbazin  
Wayne Rocket Broiler Starter (186) Medicated Glycarbylamide  
Wayne Rocket Broiler Starter (186) Medicated Nicarbazin  
Wayne Starter & Grower "E"  
Wayne Starter & Grower "E" (136E) Medicated Glycarbylamide  
Wayne Starter & Grower "E" (136E) Medicated Nicarbazin  
Wayne Sweet Bulky Feed "E"  
Wayne Tail Curler Medicated  
Wayne Test Cow Ration  
Wayne Turkey Breeder  
Wayne Turkey Breeder Medicated  
Wayne Turkey Developer (225) Medicated  
Wayne Turkey Developer (226) Medicated  
Wayne Turkey Developer (227) Medicated  
Wayne Turkey Developer (228) Medicated  
Wayne Turkey Finisher  
Wayne Turkey Finisher Medicated  
Wayne Turkey Grower  
Wayne Turkey Grower Medicated  
Wayne Turkey Pre-Starter (220) Medicated  
Wayne Turkey Pre-Starter (221) Medicated  
Wayne Universal Breeder Medicated  
Wayne Universal Egg Medicated  
Wayne Universal Grower  
Wayne Universal Grower (144) Medicated Glycarbylamide  
Wayne Universal Grower (144) Medicated Nicarbazin  
Wayne Universal Turkey Grower  
Wayne Universal Turkey Grower Medicated

## AMERICAN CRYSTAL SUGAR CO., 600 Boston Bldg., Denver, Colo.

Dried Beet Pulp with Beet Molasses  
Plain Dried Beet Pulp

## AMERICAN CYANAMID CO., P. O. Box 383, Princeton, N. J.

Arsanilic Acid 20%  
Arzene Premix 4%  
Choline Chloride 25%  
Enheptin-A Premix 15%  
Megasul 25%

AMERICAN MAIZE-PRODUCTS CO., 250 Park Ave., New York 17, N. Y.

Amaizo Corn Oil Meal  
Amaizo Gluten Meal  
Cream of Corn Gluten Feed

ARCHER-DANIELS-MIDLAND CO., 600 Roanoke Bldg., Minneapolis 2, Minn.

Archer Quality 34% Protein Linseed Oil Meal - Solvent Extracted  
Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal  
Archer Quality 50% Protein Dehulled Solvent Extracted Soybean Oil Meal

ATLANTIC PROCESSING CO., Amagansett, N. Y.

Smith's Life Line Fish Meal

B & W CANNING COMPANY, INC., Groveland, Fla.

B'n W brand Dried Citrus Pulp

BARBER & BENNETT, INC., Albany, N. Y.

Fort Orange All Mash Grower  
Fort Orange All Mash Layer  
Fort Orange Chick Starter Medicated  
Fort Orange 16% Dairy Ration  
Fort Orange 12% Fitting & Freshening Ration  
Fort Orange Golden Test Ration  
Fort Orange Laying Mash  
Fort Orange Special Test Ration

BAY STATE MILLING CO., Winona, Minn.

Wingold Standard Hard Wheat Middlings & Wheat Screenings

THE BEACON MILLING CO., INC., A Division of Spencer Kellogg & Sons, Inc., Cayuga, N. Y.

(See also Vitamin Carriers)

Auburn "16" Dairy Ration  
Auburn "20" Dairy Ration  
Auburn "14" Fitting Ration  
Beacon "24"  
Beacon Balancer Pellets  
Beacon Beef Creep & Fitting Ration  
Beacon Breeder All-Mash  
Beacon Breeders Mash  
Beacon Broiler Finisher  
Beacon Broiler Finisher GYA Medicated  
Beacon Broiler Finisher NCA Medicated  
Beacon C-C Pellets  
Beacon Calf Grow  
Beacon Calf Starter  
Beacon Cape-Roaster Finisher GY Medicated  
Beacon Cape-Roaster Finisher NC Medicated  
Beacon "15" Coarse Test Cow Ration  
Beacon Complete Rabbit Pellets  
Beacon Complete Starter  
Beacon Complete Starter GY Medicated  
Beacon Complete Starter NC Medicated  
Beacon Dairy Breeder Pellets  
Beacon Dairy Fitting  
Beacon "15" Dairy Ration

THE BEACON MILLING CO., INC., A Division of Spencer Kellogg & Sons, Inc., Cayuga, N. Y. - Cont.

Beacon "16" Dairy Ration  
Beacon "20" Dairy Ration  
Beacon Duck Breeder  
Beacon Duck Grower-Finisher  
Beacon Duck Starter  
Beacon "22" Egg Mash  
Beacon Goat Ration  
Beacon Grower All-Mash  
Beacon Grower All-Mash GY Medicated  
Beacon Grower All-Mash NC Medicated  
Beacon "18" Growing Mash  
Beacon Hi-Energy Test Pel-ets  
Beacon High Vitamin D<sub>2</sub> Mix - Incorporated in Be-Co-D  
Beacon Hog Finisher Pellets  
Beacon Hog Grower Medicated  
Beacon Hog Supplement  
Beacon Horse Feed  
Beacon Keep Sweet Silage Preservative  
Beacon Market Egg All-Mash  
Beacon Medicated Control Mash SQ  
Beacon Medicated Poultry Mix 2 CT  
Beacon Medicated "20" Turkey Grower AC-AN  
Beacon Milk Check "16" Dairy Ration  
Beacon Milk Check "20" Dairy Ration  
Beacon Milk Check Fitting Ration  
Beacon "30" Mixer  
Beacon Pig Grower Pellets Medicated  
Beacon Poultry Finisher with Dienestrol Diacetate & Nicarbazin  
Beacon Poultry Finisher GY Medicated  
Beacon Poultry Fitting  
Beacon Sodium Propionate Mixture - Mixed with Beacon Dairy Fitting Ration  
Beacon Sow Feed Medicated  
Beacon Starter-Broiler  
Beacon Starter-Broiler 1CT-NCA Medicated  
Beacon Starter-Broiler GYA Medicated  
Beacon Starter-Broiler NCA Medicated  
Beacon Sweet "16" Dairy Ration  
Beacon Test Cow "14" Ration  
Beacon Test Cow "16" Ration  
Beacon Test Cow "18" Ration  
Beacon Turkey & Game Bird Breeder  
Beacon Turkey & Game Bird Fitting  
Beacon "22" Turkey & Game Bird Grower  
Beacon Turkey & Game Bird Starter  
Beacon Turkey Breeder All-Mash  
Beacon Turkey Finisher All-Mash  
Beacon Turkey Finisher All-Mash 4N Medicated  
Beacon "20" Turkey Grower  
Beacon "20" Turkey Grower H Medicated  
Beacon "22" Turkey Grower 4N Medicated  
Beacon Turkey Starter SQA Medicated  
Beacon Worm Mash  
Be-Co Grower  
Be-Co Grower GY Medicated  
Be-Co Grower NC Medicated  
Be-Co-Lass  
Be-Co Layer



THE BEACON MILLING CO., INC., A Division of Spencer Kellogg & Sons, Inc., Cayuga, N. Y. - Cont.

Be-Co Nurse Milk Replacer  
Bulky Green

THE BERKMAN GRAIN CO., North Franklin, Conn.

Nibco Booster Crumbles  
Nibco Crate Fattener  
Nibco 18% Dairy Ration  
Nibco Fitting Ration  
Nibco Five Star Roaster Feed  
Nibco Five Star Roaster NIC Feed  
Nibco Five Star Super Starter  
Nibco Five Star Weight Maker  
Nibco Five Star Weight Maker NIC  
Nibco High Energy Laying & Growing Mash  
Nibco Scratch Feed

THE BLOOMFIELD FARMERS' EXCHANGE INC., Bloomfield, Conn.

Bloomfield 16% Dairy Ration

THE BORDEN CO., Special Products Div., 350 Madison Ave., New York, N. Y.

(See also Vitamin Carriers)

Borden's Dry D  
Borden's M R B Milk Replacer Base  
Flaydry Poultry Feed Supplement

BROOKLAWN GRAIN & FEED CO., 321 Sylvan Ave., Bridgeport, Conn.

Brooklawn Egg Mash  
Brooklawn Sweet Mix

BROWN-FORMAN DISTILLERS CORP., 1908 Howard St., Louisville, Ky.

B-F Corn Distillers Dried Grains  
B-F Corn Distillers Dried Solubles

THE BUCKEYE COTTON OIL DIV. of The Buckeye Cellulose Corp., Cincinnati, Ohio

Buckeye 41% Protein Solvent Extracted Cottonseed Meal with added  
Hydrolyzed Cottonseed Oil  
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal  
Buckeye 50% Protein Dehulled Solvent Extracted Soybean Oil Meal

BUCKEYE SUGARS INC., Ottawa, Ohio

Registered by Mowat, Wilson & Co., Detroit, Mich.  
Dried Beet Pulp

CALVERT DISTILLERS LIMITED, Amherstburg, Canada

Corn Distiller's Dried Grains

CAMDEN GRAIN CO., 1709 Kossuth St., Camden, N. J.

Camden Brand Dried Brewers Grain



## THE C. W. CAMPBELL CO., Pawcatuck, Conn.

Best Pig and Hog Ration  
Camco Horse Feed  
16% Coarse Dairy Ration  
14% Dairy Ration  
16% Dairy Ration  
18% Dairy Ration  
Economical Stock Feed  
Egg-O Grower  
Egg-O Hi-Calorie Complete Layer  
Egg-O Laying Mash  
Egg-O Special Broiler  
12% Fitting Ration  
Medicated Egg-O Special Broiler  
Medicated Egg-O Special Broiler Finisher  
Medicated Egg-O Special Broiler Prime Finisher  
Sheep and Goat Feed  
Sulfaquinoxaline Egg-O Chick Starter Ration  
The Campbell Co. Milk Replacer

## THE CANADA LINSEED OIL MILLS, LTD., 2215 Notre Dame East, Montreal, Canada

"Maple Leaf" Brand Linseed Oilcake Meal

## THE A. B. CAPLE CO., Toledo, Ohio

Alfalfa Crumbles  
17% Capex Dehydrated Alfalfa Meal

## CARGILL, INCORPORATED, 200 Grain Exchange, Minneapolis, Minn.

Cargill, Inc. 34% Protein Solvent Extracted Linseed Oil Meal  
Cargill, Inc. 44% Protein Solvent Extracted Soybean Oil Meal

## CARLING BREWING CO., 9400 Quincy Ave., Cleveland 6, Ohio

Carling Dried Brewers Grains

## CENTRAL CONN. CO-OPERATIVE FARMERS' ASS'N. INC., 10 Apel Pl., Manchester, Conn.

(See also Vitamin Carriers)

Honest Brand Aureomycin Mix 100 grams  
Honest Brand Aureomycin Mix 200 grams  
Honest Brand Complete Breeder Mash  
Honest Brand Complete Ration High Energy Growing Mash  
Honest Brand Complete Ration High Energy Growing Mash with SQ  
Honest Brand Complete Ration High Energy Laying Mash  
Honest Brand Nu Weigh-Hi Broiler Mash Nicarbazine Mixture  
Honest Brand Nu Weigh-Hi Finisher Mash  
Honest Brand Nu Weigh-Hi Starter Mash Sulfaquinoxaline Mixture

## CENTRAL SOYA CO., INC., Ft. Wayne, Ind.

Thrifty-Fifty

## CITRUS FEED CO., P.O. Box 513, Lakeland, Fla.

Florida Crest All Sweet Dried Citrus Pulp  
Fosgate's Ace High All Sweet Dried Citrus Pulp  
Howard's Veribest Dried Citrus Pulp

## CLINTON CORN PROCESSING CO., Clinton, Iowa

Clinton 21% Protein Corn Gluten Feed  
 Clinton 41% Protein Corn Gluten Meal  
 Clinton CFS Concentrate No. 3

## CLYDE MILLING CORP., 15 Sodus St., Clyde, N. Y.

Clyde C-M-C 30 Dairy Mixing Ration  
 Clyde Booster 16 Dairy Ration  
 Clyde Complete Layer & Grower Mash  
 Clyde Complete Rabbit Pellets  
 Clyde Dry & Freshening Ration  
 Clyde Grow-Rite Complete Pullet Ration  
 Clyde H-E Broiler Mash Medicated  
 Clyde H-E Complete Breeder Mash  
 Clyde H-E Complete Layer and Grower Mash  
 Clyde Hi-Cal-Re Complete Layer & Grower  
 Clyde Horse Feed  
 Clyde Life Span 15  
 Clyde Meat Bird Finisher Pellets Medicated  
 Clyde Medicated Complete Calf Starter  
 Clyde Milk-Flo 16  
 Clyde R.S. 10 (A Roughage Supplement)  
 Clyde Super Egg Mash  
 Clyde Test Cow 16  
 Clyde Test Cow 18  
 Corn Gluten Feed  
 Dried Apple Pomace  
 Hominy Feed  
 Linseed Oil Meal (Solvent Extracted)  
 Soybean Oil Meal (Solvent Extracted)  
 Warren's Dairy Fitting Ration (Mfd. for William S. Warren & Son,  
 Eastford, Conn)  
 Warren's 16 Dairy Ration (Mfd. for William S. Warren & Son, Eastford,  
 Conn. )  
 Warren's Laying Mash (Mfd. for William S. Warren & Son, Eastford, Conn. )  
 Wheat Bran

## COCKE and CO., 208 William-Oliver Bldg., Atlanta 3, Ga.

Suni-Citrolas (Mfd. by Suni-Citrus Products Co., Haines City, Fla. )  
 Sweet Suni-Citrus Pulp (Mfd by Suni-Citrus Products Co., Haines  
 City, Fla. )

## COLBY COOPERATIVE STARCH CO., Box 27, Caribou, Maine

Co-Star Brand Dried Potato Pulp

## COMMERCIAL SOLVENTS CORP., 1331 South 1st St., Terre Haute, Ind.

(See also Vitamin Carriers)  
 B. Y. <sup>(R)</sup> Vitamin Feed Supplement 60  
 Corn Distillers Dried Solubles with Grains  
 Soluform Basic Dried Corn Fermentation Solubles with Grain

## COMMUNITY SERVICE, INC., Canaan, Conn.

Community Service 16% Dairy Ration  
 Community Service 18% Dairy Ration  
 Community Service Fitting Ration

## CONNECTICUT BI-PRODUCTS, Hop River Rd., Columbia, Conn.

Hydrolyzed Poultry Feathers  
Poultry By-Product Meal

## CONSOLIDATED BLENDERS, INC., Fremont, Nebr.

17% Dehydrated Alfalfa Meal with Animal Fat Merry Mixer Greenules

## CONSOLIDATED RENDERING CO., 178 Atlantic Ave., Boston, Mass.

Corenco Feeding Bone Meal  
Corenco 47% Meat & Bone Scrap  
Corenco 50% Meat & Bone Scrap

## CONTINENTAL DISTILLING CORP., 1429 Walnut St., Philadelphia, Pa.

25% Corn Distillers Dried Grains

## CORN PRODUCTS REFINING CO., 17 Battery Pl., New York 4, N. Y.

Buffalo Brand 21% Protein Corn Gluten Feed  
Diamond Brand Corn Gluten Meal

## C. A. COWLES, INC., Plantsville, Conn.

Blue C Feed 14% Dairy Ration  
Blue C Feed 16% Dairy Ration  
Blue C Feed 20% Dairy Ration  
Blue C Feed Hog & Pig Feed  
Blue C Feed Horse Feed with Molasses  
Blue C Feed Laying Mash  
Blue C Feed Rabbit Pellets  
Blue C Feed Special Starter & Broiler Feed with Nitrofurazone  
Blue C Feed Starting Mash  
Blue C Feed Super 16% Dairy  
Red C Feed Fitting Ration

## P. CUTLER, INC., Colchester, Conn.

Prosperity Calf & Beef Ration  
Prosperity Dairy Ration  
Prosperity Laying Mash  
Prosperity Pig Feed  
Prosperity Sweet Beetrus Mix

## D C A FOOD INDUSTRIES, INC., Ellicott City, Md.

Domaco Pure Winter Wheat Bran  
Domaco Winter Wheat Standard Middlings  
Domaco Winter Wheat White Middlings

## R. G. DAVIS CO., 560 Grand Ave., New Haven, Conn.

Davis 16% Dairy Ration  
Davis 14% Fitting  
Davis Horse Feed

## DAWE'S LABORATORIES, INC., 4800 So. Richmond St., Chicago, Ill.

(See also Vitamin Carriers)

Dawe's Fermentation Flavonne  
Dawe's Vitamelk (Ruminant Type)  
3-Nitro-4-Hydroxy Mixture in Special Broiler Mix No. 571-D

DAWNWOOD FARMS, Amenia, N. Y.

Dawnwood Farms Caf-Star

DAYVILLE GRAIN & FEED CO., Dayville, Conn.

Dayville High Calorie Broiler Medicated Glycarbylamide  
Dayville High Calorie Broiler Medicated Nicarbazin  
Dayville High Energy Broiler Medicated Glycarbylamide  
Dayville High Energy Broiler Medicated Nicarbazin  
Dayville High Energy Grower-Layer

DECATUR ELEVATOR CO., 518 E. Gault St., Decatur, Ill.

Illini Brand Expeller Type 43% Soybean Oil Meal

DECATUR MILLING CO., INC., 717 N. Union St., Decatur, Ill.

Homco Hominy Feed

DELAWARE MILLING CO., INC., Deposit, N. Y.

Delaware Broiler-Finisher  
Delaware Horse Feed  
Delaware Scratch Grains  
Delaware Sweet 16% Dairy Feed  
Warren's C & C Breeder Mash(Mfd. for Wm. S. Warren & Son, Eastford,  
Conn.)  
Warren's C & C Complete Growing Mash(Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)  
Warren's C & C Complete Laying Mash(Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)  
Warren's C & C Laying Mash(Mfd. for Wm. S. Warren & Son, Eastford,  
Conn.)  
Warren's Chick Starter(Mfd. for Wm. S. Warren & Son, Eastford, Conn.)  
Warren's Complete Grower(Mfd. for Wm. S. Warren & Son, Eastford,  
Conn.)  
Warren's Fitting Ration(Mfd. for Wm. S. Warren & Son, Eastford, Conn.)  
Warren's Indian 16% Dairy(Mfd. for Wm. S. Warren & Son, Eastford,  
Conn.)  
Warren's Laying Mash(Mfd. for Wm. S. Warren & Son, Eastford, Conn.)  
Warren's 16% Test Ration(Mfd. for Wm. S. Warren & Son, Eastford,  
Conn.)

THE DELPHOS GRAIN & SOYA PRODUCTS CO., Delphos, Ohio

44% Protein Soybean Oil Meal (Solvent Extracted)

DERBY FEED STORE, 176 Main St., Derby, Conn.

Litsky's Hi-Energy All Mash Grower  
Litsky's Hi-Energy All Mash Layer  
Litsky's Hi-Energy Layer  
Litsky's Hi-Energy Starter-Broiler with Sulfaquinoxaline  
Litsky's Sweet 16% Dairy Ration

DEWHURST'S GRAIN STORE, Southwick, Mass.

Registered by A. C. Wetherell, Suffield, Conn.

Dewhurst 16% Dairy Ration

DUFFY-MOTT CO., INC., 370 Lexington Ave., New York 17, N. Y.

Dried Apple Pomace Feed



E. I. duPONT deNEMOURS AND COMPANY, Wilmington, Del.

(See also Vitamin Carriers)

DU PONT-TWO-SIXTY-TWO Feed Compound

EASTERN STATES FARMERS' EXCHANGE, INC., West Springfield, Mass.

(See also Vitamin Carriers)

Alfapels  
All-Mash Breeder Medicated  
Appiwhey  
Beefmix with Diethylstilbestrol  
Breeder Mash Medicated  
Broiler Finisher Medicated  
Broiler Grower Medicated  
Broiler Starter Medicated  
Calf Starter  
Calving Ration  
Cashmaker Medicated  
Cashmaker-WM Medicated  
Cattle Wormer  
Champion  
Choicemaker Medicated  
Class Leader  
DFE (Drouth Forage Extender)  
Darimore  
Dairypels 16  
Finisher Medicated  
Fulpail  
Gee-Mix  
Goalmaker Medicated  
Lay-Mix Medicated  
Liteyoke Medicated  
Matchmaker Medicated  
Medicated Defender  
Medicated Defender Plus  
Medicated Lacto-Life  
Medicated Minuteman  
Medicated Minuteman SQ  
Medicated Sentinel  
Medicated Turkey Finisher F  
Medicated Turkey Grower F  
Medicated Turkey Starter F  
Milkmore  
Milksaver  
Pacemaker Medicated  
Pacemaker Plus Medicated  
Pig Primer Medicated  
Pork Breeder  
Pork Builder  
Pork Gainer Medicated  
Porklets  
Porkmix  
Poultry Wormer  
Rabbettes  
Supmix  
Sweepstakes  
Turkey Breeder Pellets  
Turkey Finisher  
Turkey Grower  
Turkey Starter Medicated



EINHORN GRAIN CO., Colchester, Conn.

E-B Broiler Medicated

ELMORE MILLING COMPANY, INC., 52 Main St., Oneonta, N. Y.

Elmore Breeder Mash (1A) Medicated  
Elmore Broiler Finisher Pellers (1N) Medicated  
Elmore Bull Feed  
Elmore Calf Grain Ration  
Elmore Chixsaver (1A) Medicated  
Elmore Chixsaver (1N) Medicated  
Elmore Chixsaver (1S) Medicated  
Elmore Complete Breeder Ration  
Elmore Complete Growing Ration  
Elmore Complete Growing Ration (1N) Medicated  
Elmore Complete Growing Ration (1S) Medicated  
Elmore Complete Market Egg Mash  
Elmore Complete Rabbit Ration Pellets  
Elmore Complete Turkey Growing Ration (1H) Medicated  
Elmore Complete Turkey Growing Ration (1S) Medicated  
Elmore Dry & Freshening Ration  
Elmore Egg Mash  
Elmore Fitting Ration 14%  
Elmore Flaked Pelleted Calf Starter  
Elmore Fleshing Pellets  
Elmore Game Bird Grower (1H) Medicated  
Elmore Game Bird Grower (1S) Medicated  
Elmore Game Bird Starter Medicated  
Elmore Game Bird Starter (1S) Medicated  
Elmore Grand Champion Ration  
Elmore Growing Mash  
Elmore Growing Mash (1N) Medicated  
Elmore Growing Mash (1S) Medicated  
Elmore Hog Ration  
Elmore Horse Feed  
Elmore Makemgrow Little Pig Ration  
Elmore Medicated High Antibiotic Picker-Upper Mash (2A)  
Elmore Milk Grains "Sixteen"  
Elmore Milk Grains "Twenty"  
Elmore Pacemaker 16% Dairy Ration  
Elmore Pacemaker 18% Dairy Ration  
Elmore Pacemaker Fitting Ration 14%  
Elmore Poultry & Turkey Fitting Ration  
Elmore Silosweet  
Elmore Super Broiler Ration (1N) Medicated  
Elmore Super Silage  
Elmore 30% Supplemental Dairy Ration  
Elmore Test Ration 16%  
Elmore Test Ration 18%  
Elmore Turkey Finisher (Fattener)  
Elmore Turkey Finisher (1H) (Fattener) Medicated  
Elmore Turkey Growing Mash (1H) Medicated  
Elmore Turkey Growing Mash (1S) Medicated  
Elmore Turkey Starting Mash (1A) Medicated  
Elmore Turkey Starting Mash (1S) Medicated  
Emco Complete Laying Mash  
Emco 20% Laying Mash

## JOHN W. ESHELMAN &amp; SONS, Lancaster, Pa.

Lancaster 16 Dairy Feed  
Lancaster 20 Dairy Feed  
Lancaster Scratch Grains  
Pennsy Complete Laying Ration  
Pennsy 16 Dairy Feed  
Pennsy Laying Mash  
Red Rose Breeder Mash  
Red Rose Broiler Finisher (High Efficiency) Medicated (115)  
Red Rose Broiler Finisher (High Efficiency) Medicated (115-A)  
Red Rose Broiler Starter Ration (High Efficiency) Medicated (114-A)  
Red Rose Calf Grower  
Red Rose Calf Starter  
Red Rose Cattle Wormer  
Red Rose Chick Grains  
Red Rose Chick Starter Medicated (110)  
Red Rose Chick Starter Medicated (110-A)  
Red Rose Coccidiosis Control Ration  
Red Rose Complete Game Bird Grower  
Red Rose Complete Growing Ration  
Red Rose Complete Growing Ration Medicated (113-C)  
Red Rose Complete Laying Ration  
Red Rose Complete Turkey Finisher  
Red Rose Complete Turkey Grower  
Red Rose 16 Dairy Feed  
Red Rose 18 Dairy Feed  
Red Rose Fattening Mash  
Red Rose Fitting Ration  
Red Rose Growing Mash  
Red Rose Hog Meal  
Red Rose Horse Feed  
Red Rose Intermediate Chick Grains  
Red Rose Laying Mash  
Red Rose Medicated T-C Feed  
Red Rose Pigeon Feed  
Red Rose Poultry Booster Pellets  
Red Rose Rabbit Pellets  
Red Rose Rabbit Pellets Medicated (710-A)  
Red Rose Scratch Grains  
Red Rose Starter & Grower  
Red Rose Starter & Grower Medicated (111-A)  
Red Rose 14 Test Cow Feed  
Red Rose Turkey & Poultry Fitting Feed  
Red Rose Turkey Starter  
S-O-S

## EVANS MILLING CO., 1730 W. Michigan St., Indianapolis, Ind.

Emco Hominy Feed

## FMS INCORPORATED, Thomasville, Pa.

FMS - A food for baby animals

## FARM BUREAU ASSOCIATION, 155 Lexington St., Waltham, Mass.

Farm Bureau Complete Developer Mash  
Farm Bureau Complete Market Egg Mash or Pellets  
Farm Bureau 16% Dairy Ration  
Farm Bureau Developer Mash  
Farm Bureau Market Egg Mash or Pellets

- FARM BUREAU ASSOCIATION, 155 Lexington St., Waltham, Mass. - Cont.  
Farm Bureau 14% Milking Ration  
Farm Bureau Rabbit Food Pellets
- FARM BUREAU COOPERATIVE ASS'N., 245 No. High St., Columbus 16, Ohio  
Dehydrated Alfalfa Meal
- FARMERS FEED CO., 375 Johnson Ave., Brooklyn 6, N. Y.  
"Bull Brand" Brewers Dried Grains
- FISH PRODUCTS CO., Lewes, Del.  
Smith's Lifeline Fish Meal Stabilized with (Food Grade) Butylated-Hydroxy-Toluene
- FISH PRODUCTS CO., Tuckerton, N. J.  
Smith's Lifeline Fish Meal Stabilized with (Food Grade) Butylated-Hydroxy-Toluene
- FLORIDA CITRUS CANNERS COOPERATIVE, Lake Wales, Fla.  
Lake Wales Brand Citrus Pulp
- FLORY MILLING CO., N. Main St., Bangor, Pa.  
Flory 22% Broiler Starter Medicated  
Flory Cracked Corn Scratch  
Flory Horse Feed  
Flory 20% Layer  
Flory Record 16% Dairy Feed  
Flory Superior 16% Dairy Feed
- THE FOX CO., Newfield, N. J.  
(See also Vitamin Carriers)  
Foxco D-Activated Animal Sterol (Source of Vitamin D<sub>3</sub>)  
Foxco Flavitein
- GENERAL FOODS CORP., Corn Mill Div., 180 So. Dearborn Ave., Kankakee, Ill.  
Burt's Hominy Feed
- GENERAL MILLS, INC., 9200 Wayzata Blvd., Minneapolis 26, Minn.  
General Mills 44% Protein Solvent (Hexane) Extracted Soybean Oil Meal  
Ben Hur Wheat Bran & Ground Wheat Screenings  
Gold Medal Wheat Germ Meal Type A  
Oven Tailings  
Washburn's Gold Medal Fancy Wheat Flour Middlings and Ground Wheat Screenings Not Exceeding Mill Run  
Washburn's Gold Medal Fancy Wheat Mixed Feed with Ground Wheat Screenings Not Exceeding Mill Run  
Washburn's Gold Medal Wheat Adrian Red Dog  
Washburn's Gold Medal Wheat Bran and Ground Wheat Screenings Not Exceeding Mill Run  
Washburn's Gold Medal Wheat Standard Middlings and Ground Wheat Screenings Not Exceeding Mill Run



GENERAL MILLS, INC., Larrowe Region, 15800 W. McNichols Rd., Detroit, Mich.

Gold Medal Karmel Grist  
Gold Medal Stock Champ  
Larro All Purpose Poultry Wormer  
Larro Chick Grains  
Larro .0023 Dienestrol Diacetate with Nicarbazin and Arsonic  
Growth Stimulant in SureBroiler Caponette 20  
Larro .007 Dienestrol Diacetate with Nicarbazin and Arsonic  
Growth Stimulant in SureBroiler Caponette 20  
Larro .0022 Diethylstilbestrol Mix in SureBeef 50  
Larro Diethylstilbestrol Mix in SureCattle 32  
Larro Medicated Poultry SureLift  
Larro Medicated SureLift  
Larro Medicated SureMilk Keto-Kurb  
Larro Medicated SurePoult Pre-Starter (FRZ-AGS)  
Larro Medicated SureTurk Grower Complete (.0495 ENH)  
Larro Nicarbazin with Arsonic Growth Stimulant in SureBroiler  
Starter  
Larro Poultry SureHatch 38  
Larro Poultry SureHatch 38 (.011 FRZ) Medicated  
Larro Poultry SureHatch Complete "H-E"  
Larro Poultry SureHatch Complete "H-E" (.00275 FRZ) Medicated  
Larro Poultry SureHatch "H-E"  
Larro Poultry SureHatch "H-E" (.0055 FRZ) Medicated  
Larro Scratch Grains  
Larro Special SureLay Complete "H-E" (.0055 FRZ) Medicated  
Larro SureBeef 50  
Larro SureBroiler 42  
Larro SureBroiler 42 (GC-AGS) Medicated  
Larro SureBroiler 42 (NCB-AGS) Medicated  
Larro SureBroiler Caponette 20 (GC-AGS) Medicated  
Larro SureBroiler Finisher  
Larro SureBroiler Finisher (NCB-AGS) Medicated  
Larro SureBroiler Finisher 23  
Larro SureBroiler Finisher 23 (GC-AGS) Medicated  
Larro SureBroiler Finisher 23 (NCB-AGS) Medicated  
Larro SureBroiler Finisher 23-X  
Larro SureBroiler Finisher 23-X (GC-AGS) Medicated  
Larro SureBroiler Finisher 23-X (NCB-AGS) Medicated  
Larro SureBroiler Finisher 41  
Larro SureBroiler Finisher 41 (NCB-AGS) Medicated  
Larro SureBroiler Starter (AGS) Medicated  
Larro SureBroiler Starter (GC-AGS) Medicated  
Larro SureBroiler Starter (NCB-AGS) Medicated  
Larro SureBroiler Starter 26 (GC-AGS) Medicated  
Larro SureBroiler Starter 26 (NCB-AGS) Medicated  
Larro SureBroiler Starter 26-X (GC-AGS) Medicated  
Larro SureBroiler Starter 26-X (NCB-AGS) Medicated  
Larro SureBroiler Starter 41  
Larro SureBroiler Starter 41 (NCB-AGS) Medicated  
Larro SureCalf  
Larro SureCalf Mixer  
Larro SureCattle 32  
Larro SureChick  
Larro SureChick (GC) Medicated  
Larro SureChick (NCB) Medicated  
Larro SureChick 38 (GC) Medicated  
Larro SureChick 38 (NCB) Medicated

GENERAL MILLS, Inc., Larrowe Region, 15800 W. McNichols Rd., Detroit,  
Mich. - Cont.

Larro SureDuck  
Larro SureDuckling  
Larro SureFat No. 1  
Larro SureGrow Complete "H-E"  
Larro SureGrow Complete "H-E" (GC) Medicated  
Larro SureGrow Complete "H-E" (NCB) Medicated  
Larro SureLay 26  
Larro SureLay 26 (.00825 FRZ) Medicated  
Larro SureLay 38  
Larro SureLay 38 (.011 FRZ) Medicated  
Larro SureLay Cage  
Larro SureLay Cage (.00275 FRZ) Medicated  
Larro SureLay Complete "H-E"  
Larro SureLay Complete "H-E" (.00275 FRZ) Medicated  
Larro SureLay "H-E"  
Larro SureLay "H-E" (.0055 FRZ) Medicated  
Larro SureMilk 14  
Larro SureMilk 16  
Larro SureMilk 20  
Larro SureMilk 24  
Larro SureMilk 32  
Larro SureMilk 50  
Larro SurePig (AGS) Medicated  
Larro SurePig (AGS-HYG) Medicated  
Larro SurePork 35  
Larro SurePork 35 (HYG) Medicated  
Larro SurePork Complete (AGS) Medicated  
Larro SurePork Grower Complete (AGS-HYG) Medicated  
Larro SurePork Super 40  
Larro SurePork Super 40 (HYG) Medicated  
Larro SurePoult  
Larro SurePoult (.015 HZ) Medicated  
Larro SurePoult 38  
Larro SurePoult (.15 ENH) Medicated  
Larro SurePoult (.025 HZ) Medicated  
Larro SurePoult (SQ) Medicated  
Larro SurePoult Pre-Starter (AGS) Medicated  
Larro SurePoult Pre-Starter (.025 HZ-AGS) Medicated  
Larro SurePoult Pre-Starter (SQ-AGS) Medicated  
Larro SureRabbit  
Larro SureRabbit Medicated  
Larro SureRaise Medicated Dynafac  
Larro SureRaise Medicated Tetra  
Larro SureRoaster Complete (GC) Medicated  
Larro SureRoaster Complete (NCB) Medicated  
Larro SureStart Medicated  
Larro SureTurk  
Larro SureTurk (.03 ENH) Medicated  
Larro SureTurk (.03 HZ) Medicated  
Larro SureTurk (.05 HZ) Medicated  
Larro SureTurk 38  
Larro SureTurk Finisher Complete  
Larro SureTurk Finisher Complete (.015 ENH) Medicated  
Larro SureTurk Finisher Complete (.015 HZ) Medicated  
Larro SureTurk Finisher Complete (.025 HZ) Medicated  
Larro SureTurk Fryer Complete (.025 HZ) Medicated  
Larro SureTurk Grower Complete



GENERAL MILLS, INC., Larrowe Region, 15800 W. McNichols Rd., Detroit, Mich. - Cont.

Larro SureTurk Grower Complete (.015 ENH) Medicated  
Larro SureTurk Grower Complete (.015 HZ) Medicated  
Larro SureTurk Grower Complete (.025 HZ) Medicated  
Larro SureVeal Medicated  
Larro Turkey SureHatch  
Larro Turkey SureHatch Complete  
Larro Turkey SureHatch 38  
Larro Wormer

THE GLIDDEN CO., Chemurgy Div., 1825 N. Laramie Ave., Chicago, Ill.

Glidden Hi Prosoy 50% Protein Solvent Extracted Soybean Oil Meal  
Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal

GLOUCESTER BY-PRODUCTS, INC., State Fish Pier, Gloucester, Mass.

Globpro Brand Fish Meal

GOLDENROD OIL MEAL SALES CO., Memphis, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal Prime Quality

GORTON'S OF GLOUCESTER, INC., 327 Main St., Gloucester, Mass.

(See also Vitamin Carriers)

Gorton's Al-Blend "Junior"

GRACE CHEMICAL CO., Div. of W. R. Grace & Co., Box 4906, Memphis, Tenn.

Grace Micro Prilled Urea Feed Compound

D. H. GRANDIN MILLING CO., Jamestown, N. Y.

Grandin's Calf Starter  
Grandin's 14 Fitting Ration  
Grandin's Hi-Pro Pellets  
Grandin's Horse Feed  
Grandin's Intermediate Chick Grains  
Grandin's Laying Mash  
Grandin's 14 Milk Maker  
Grandin's 16 Milk Maker  
Grandin's 20 Milk Maker  
Grandin's Rabbit Pellets  
Grandin's Start-To-Finish Mash  
Grandin's 18 Test Ration

THE GREAT ATLANTIC & PACIFIC TEA CO., 817-512 Nicollet Bldg., Minneapolis, Minn.

Daily Egg Laying Mash  
Daily Growth Chick Starter  
Daily Growth Fine Chick Feed  
Daily Growth Growing Mash

THE GREAT WESTERN SUGAR CO., 1530 Sixteenth St., Denver, Colo.

GW Dried Beet Pulp & Condensed Beet Solubles Product Neutralized with Ammonia

## GREEN ACRES FARMS, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal  
Green Acre's Brand 17% Dehydrated Alfalfa Meal with 1%  
Stabilized Animal Fat Added

## HAFFENREFFER &amp; CO., INC., 30 Germania St., Boston, Mass.

Haffenreffer & Company's Brewers' Dried Yeast

## HALES &amp; HUNTER CO., 141 W. Jackson Blvd., Chicago, Ill.

Big-R-Buy 16 Dairy  
Pioneer Bull Feed  
Pioneer Calf Starter  
Pioneer Dairy Fitting Feed  
Pioneer Dairy Production 16  
Pioneer Dairy Production 18  
Pioneer Dry & Freshening  
Pioneer Horse Feed  
Pioneer Pelleted Flaked 15 Dairy  
Pioneer Pelleted Flaked 18 Dairy  
Pioneer Rabbit Pellets  
Pioneer Sup-Pel Pellets  
Red Comb Breeder Mash  
Red Comb Broiler Finisher GGG Medicated  
Red Comb Broiler Starter  
Red Comb Broiler Starter GGG Medicated  
Red Comb Broiler Starter Z3 Medicated  
Red Comb Broiler Station Fattener  
Red Comb C Flakes  
Red Comb Chick Starter  
Red Comb Complete Layer  
Red Comb Duck Grower  
Red Comb Egg Mash  
Red Comb Growing Mash  
Red Comb Medicated Sup-Pel A  
Red Comb Scratch Feed  
Red Comb Summer Broiler Finisher GGG Medicated  
Red Comb Summer Broiler Starter GGG Medicated  
Red Comb Turkey Grower  
Red Comb Turkey Starter S Medicated

## A. E. HALL, Wallingford, Conn.

Hall's Growing Mash  
Hall's Hi-Lo Starter and Broiler  
Hall's Laying Mash

## HARPER FEED MILLS, INC., 271 W. Wheeling St., Washington, Pa.

Harco Milk Replacer for Young Calves  
Warren's Complete Growing Mash (Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)  
Warren's Complete Laying Mash (Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)  
Warren's Complete Lay Pellets (Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)  
Warren's Complete Starting Mash (Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)  
Warren's Test Cow 16% Dairy with Pellets (Mfd. for Wm. S. Warren  
& Son, Eastford, Conn.)

HARPER FEED MILLS, INC., 271 W. Wheeling St., Washington, Pa. - Cont.

Warren's 20% Laying Mash (Mfd. for Wm. S. Warren & Son,  
Eastford, Conn.)

HOLLY SUGAR CORP., Colorado Springs, Colo.

Registered by Mowat, Wilson & Co., Detroit, Mich.

Dried Beet Pulp

HONEYMEAD PRODUCTS CO., 202 Given St., Mankato, Minn.

Honeymead Hexane Solvent Extracted High Energy 48.5% Soybean  
Oil Meal

H. P. HOOD & SONS, INC., Wilson St., Dunedin, Fla.

Hood Citrus Meal

Hood Citrus Pulp

H. P. HOOD & SONS, INC., 500 Rutherford Ave., Boston, Mass.

Dried Skimmed Milk

Hood's Calf Starter

Hood Pep-Lac

Hood Whey-Lac

Powdered Skim Milk

THE HUBINGER CO., Keokuk, Iowa

Ke OK uk Brand Corn Gluten Meal

Ke OK uk 21% Protein Corn Gluten Feed

ILLINOIS CEREAL MILLS, INC., So. Jefferson Ave., Paris, Ill.

Hominy Feed

INDUSTRIAL MOLASSES CORP., 3033 Excelsior Blvd., Minneapolis, Minn.

Plain Dried Beet Pulp

INTERNATIONAL MILLING CO., 1200 Investors Bldg., Minneapolis, Minn.

Blackhawk Wheat Bran with Ground Mixed Screenings

Blackhawk Wheat Germ Meal

Blackhawk Wheat Standard Middlings with Ground Mixed Screenings

Superior Wheat Bran (Mfd. by Robin Hood Flour Mills, Ltd., Moose  
Jaw, Montreal, Canada)

Target Wheat Reddog

INTERNATIONAL STOCK FOOD CORP., Delhi, N. Y.

I. S. F. Grow-em Milk Replacer

HERMAN ISACS, INC., Bridgeport, Conn.

Hi Test Meat and Bone Meal

KELLOGG SALES CO., Battle Creek, Mich.

Kellogg's Hominy Feed

Kellogg's No. 1007 Mink Mix

Kellogg's No. 1001 Mink Ration

SPENCER KELLOGG & SONS, INC., 98 Delaware Ave., Buffalo 5, N. Y.

Spencer Kellogg's 50% Protein Dehulled Soybean Oil Meal -  
Solvent Extracted

Spencer Kellogg's 32% Protein Old Process (Expeller) Linseed  
Oil Meal

Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal -  
Solvent Extracted

KENNEL FOOD SUPPLY, Div. Hygrade Food Products Corp., Fairfield, Conn.

KFS Hi-Protein Mink Ration

KFS Rabbit Pellets

KEYSTONE DEHYDRATORS, Nazareth, Pa.

Keystone Super-Green Dehydrated Alfalfa Meal

KRAFT FOODS, Div. National Dairy Products Corp., 99 Park Ave., New  
York 16, N. Y.

(See also Vitamin Carriers)

Kaff-A

Kaff-A Booster Pellets

Kraco Dried Whole Whey

Pex for Broilers

Pex for Layers-Breeders

Pex for Poultry

Pex for Poultry - Block

Pex Whey Block

CHAS. A. KRAUSE MILLING CO., 404 E. State St., Milwaukee 1, Wis.

Badger Yellow Hominy Feed

KUDER PULP SALES CO., Lake Alfred, Fla.

Kuder Dried Citrus Pulp, High Sugar

LAUHOFF GRAIN CO., 321 E. North St., Danville, Ill.

Vermilion Hominy Feed

LAUHOFF SOYA CO., Danville, Ill.

44% Protein Solvent Extracted Soybean Oil Meal

THE LIBNER GRAIN CO., 25 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Conn. Standard Chick Starter Ration

Libner's Blue Ribbon 12% Fitting Ration

Libner's Blue Ribbon Growing Mash

Libner's Blue Ribbon Horse & Calf Ration

Libner's Blue Ribbon Milk Egg Mash

Libner's 20% Milkflow Dairy Ration

L. B. LOVITT & CO., 314 Cotton Exchange Bldg., Memphis, Tenn.

"Lovit Brand" 41% Protein Cottonseed Meal

A. S. MacDONALD COMMISSION CO., 106 Grain & Flour Exchange, Boston,  
Mass.

Parrheim Pure Wheat Shorts (Mfd. by Parrish & Heimbecker,  
Toronto, Canada)



MACHNICKI'S GRAIN STORE, Canal St., Jewett City, Conn.

Machnicki's Hi-Energy All-Mash Layer

MAPLE LEAF MILLING CO., Toronto, Canada

Registered by Wirthmore Feeds, Inc., Waltham, Mass.

Rex Wheat Bran

Rex Wheat Middlings

MARITIME MILLING CO., INC., 200 Corn Exchange Bldg., Buffalo 2, N. Y.

B-B "16" Dairy Ration

Ma-Co Broiler Finishing Ration Medicated 855-AR-G

Ma-Co Broiler Finishing Ration Medicated 855-AR-N

Ma-Co 22% Broiler Ration Medicated 795-AR-G

Ma-Co 22% Broiler Ration Medicated 795-AR-N

Ma-Co Complete Grower & Layer Ration

Ma-Co Complete Grower & Layer Ration Medicated 1025-B

Ma-Co Wormer Crumbles 980

Super Ma-Co Breeder Mash

Super Ma-Co Broiler Finishing Ration Medicated 810-AR-G

Super Ma-Co Broiler Finishing Ration Medicated 810-AR-N

Super Ma-Co Broiler Ration Medicated 800-AR-G

Super Ma-Co Broiler Ration Medicated 800-AR-N

Super Ma-Co Complete Breeder Ration

Super Ma-Co Complete Chick Starter Medicated 805-AR

Super Ma-Co Complete Chick Starter Ration Medicated 805-AR-B

Super Ma-Co Complete Growing & Laying Ration Medicated 815-F

Super Ma-Co Complete Turkey Breeder Ration Medicated 910-H

Super Ma-Co Complete Turkey Growing Ration Medicated 905-H

Super Ma-Co Complete Turkey Starter Ration Medicated 900-AR-S

Super Ma-Co Egg Mash

Super Ma-Co Growing & Laying Ration 18%

Super Ma-Co Growing & Laying Ration Medicated 815-B

Super Ma-Co Stress-Aid Ration Medicated 970-A-1

Super Ma-Co Stress-Aid Ration Medicated 970-A-2-F

Super Ma-Co Stress-Aid Ration Medicated 970-A-3-F

MAXON MILLS, INC., Wassaic, N. Y.

Maxon 16% Dairy

Maxon 18% Dairy

Maxon 14% Fitting

Maxon 16% Test

Maxon 18% Test

McCABE GRAIN CO. LIMITED, 409 Grain Exchange Bldg., Winnipeg, Canada

Mixed Screenings

McMILLEN FEED MILLS, 300 Ft. Wayne Bank Bldg., Ft. Wayne, Ind.

Flaked Soybean Hulls

Master Mix All Mash Breeder

Master Mix All Mash Pullet Grower

Master Mix Bulky Feed

Master Mix Calflac

Master Mix Calf Mixer

Master Mix Chick Concentrate

Master Mix Chick Starter

Master Mix Chick Starter (25A) Medicated

Master Mix Complete Calf-Mix



McMILLEN FEED MILLS, 300 Ft. Wayne Bank Bldg., Ft. Wayne, Ind. - Cont.

- Master Mix Complete Rabbit Pellets
- Master Mix 16% Dairy Feed
- Master Mix Egg Concentrate
- Master Mix Egglac Pellets
- Master Mix Egg Mash
- Master Mix Hi-Calorie All Mash Layer
- Master Mix Hi-Calorie Broiler Concentrate (77M) Medicated
- Master Mix Hi-Calorie Broiler Finisher Concentrate
- Master Mix Hi-Calorie Broiler Finisher Concentrate (55C) Medicated
- Master Mix Hi-Calorie Broiler Finisher (55A) Medicated
- Master Mix Hi-Calorie Broiler Starter (55A) Medicated
- Master Mix Hi-Calorie Broiler Starter Concentrate (55B) Medicated
- Master Mix Hi-Calorie 17% Egglac Pellets
- Master Mix 35% Hog Concentrate
- Master Mix Horse Feed
- Master Mix Master Blend Dairy Concentrate
- Master Mix Prime Finisher (71A) Medicated
- Master Mix Prime Finisher (55A) Medicated
- Master Mix Sweet 16% Dairy
- Master Mix Sweet Flakes
- Master Mix Turkey Broiler Finisher (11A) Medicated Histostat

MEAD JOHNSON & CO., Pabulum Products Div., Evansville, Ind.

XT-No. 58

MEECH & STODDARD, INC., 76 No. Main St., Middletown, Conn.

- M & S Economy Dairy Feed
- Red Wing 16% Dairy Feed
- Red Wing Fitting Ration
- Red Wing Growing Mash
- Red Wing Horse Feed
- Red Wing Laying Mash
- Red Wing Pig & Hog Feed
- Red Wing Starting Mash
- Red Wing Stock Feed
- Special Balance Growing Mash
- Special Balance High Efficiency Complete Laying Mash
- Special Balance Laying Mash
- Special Balance Needy-Pen Antibiotic Laying Mash
- Special Balance Starting Mash Medicated

THE MERCHANTS CREAMERY CO., 536 Livingston St., Cincinnati, Ohio

(See also Vitamin Carriers)

- Blue Ribbon Emulsion
- Blue Ribbon Special

MERCK & CO. INC., Rahway, N. J.

- Glycamide 6% (Glycarbylamide, Merck) Medicated

GEO. J. MEYER MALT & GRAIN CORP., 1314 Niagara St., Buffalo, N. Y.

- Malt Sprouts

MILLER ALFALFA CO., Jackson & Gorman Sts., Defiance, Ohio

- Miller's Choice Brand 17% Dehydrated Alfalfa Meal

MINER-HILLARD MILLING CO., Wilkes-Barre, Pa.

Choice Steam Cooked Hominy Feed  
M-H Dairy Feed 18% - Pelleted

MINUTE MAID CORP., P. O. Box 720, Leesburg, Fla.

Golden Isle Citrus Pulp

GEO. Q. MOON & CO. INC., Binghamton, N. Y.

Brewers Dried Grains (Mfd. by New Century Co., Chicago, Ill.)  
Moon Dairy Fitting Ration  
Moon Goat Ration  
Moon Growing Mash  
Moon Hog Feed  
Moon Horse Feed  
Moon Laying Mash  
Moon Rabbit Pellets  
Moon Scratch Feed  
Moon Starter Mash

FRED C. MORSE & SON, Guilford, Conn.

Old Mill Complete Growing Mash  
Old Mill Complete Starting Mash Medicated  
Old Mill 16% Dairy Feed  
Old Mill Fitting Feed  
Old Mill Growing Mash  
Old Mill Hi-Calorie Broiler Finisher Medicated  
Old Mill Hi-Calorie Broiler Mash  
Old Mill High-Energy Laying Mash  
Old Mill Laying Mash  
Old Mill Rabbit Pellets

MOUNT VERNON MILLING CO., Mount Vernon, Ind.

Poco Hominy Feed

MOWAT, WILSON & CO., 18675 James Couzens Highway, Detroit 35, Mich.

Dried Beet Pulp  
Dried Beet Pulp and Feeding Beet Molasses

NATIONAL ALFALFA DEHYDRATING & MILLING CO., Lamar, Colorado

Jack Rabbit 15% Protein Dehydrated Alfalfa Meal  
Jack Rabbit 17% Protein Dehydrated Alfalfa Meal  
Krumbles  
National 20% Broiler Meal Dehydrated Alfalfa

NATIONAL BISCUIT CO., Toledo Mill, 2221 Front St., Toledo, Ohio

Namico  
Pure Wheat Bran

NATIONAL DISTILLERS PRODUCTS CO., Div. of National Distillers & Chemical Corp., 99 Park Ave., New York 16, N. Y.

Corn Distillers Dried Grains  
Nadrisol Brand Corn Distillers Dried Solubles  
Produlac Brand Corn Distillers Dried Solubles with Grains

THE NEW CENTURY CO., 3939 S. Union St., Chicago, Ill.

Registered by Geo. Q. Moon & Co. Inc., Binghamton, N. Y.

Brewers Dried Grains

NEWTON CONCENTRATES, P.O. Box 430, Albany 1, N. Y.

Newton Bovine Concentrate (Sweet Fourteen)

Newton Bovine Concentrate (Sweet Super)

Newton Bovine Fitting & Fattening Concentrates

Newton Bovine (Super) Concentrates

Newton Green Roughage Concentrates

NOPCO CHEMICAL CO., Harrison, N. J.

(See also Vitamin Carriers)

Nopco-Pak Hi-Lay Premix

Nopco-Pak Super Premix

Nopdex "3000"

THE NORTH AMERICAN TRADING & IMPORT CO., 1429 Walnut St.,  
Philadelphia, Pa.

Natico Dry Feeding Cane Molasses Product

NORTHERN OHIO SUGAR CO., 1530 Sixteenth St., Denver, Colo.

GW Dried Beet Pulp

OGDEN GRAIN CO., Utica, N. Y.

Ogden Chick Feed

Ogden Complete Chick Starter

Ogden Complete Grower

Ogden Complete Layer

Ogden Developer Feed

Ogden Growing Mash

Ogden Hi-Energy Breeder Mash

Ogden Hi-Energy Growing Mash

Ogden Hi-Energy Laying Mash

Ogden Hi-Energy Starter & Broiler Medicated

Ogden Horse Feed

Ogden Laying Mash

Ogden Poultry & Turkey Fitting Ration

Ogden Premium 16% Dairy Ration

Ogden Premium Fitting Ration

Ogden Premium 20% Milk Ration

Ogden Premium 18% Test Cow Ration

Ogden Rabbit Pellets

Ogden Reliable 16% Dairy Feed

Ogden Reliable Fitting Feed

Ogden Scratch Grains

Ogden Super Hi-Energy Laying Mash

PABST BREWING CO., Merchandise Mart, Chicago 54, Ill.

Pabst Blue Ribbon Brewers Dried Grains

Pabst Yellow Hominy Feed

PARK & POLLARD CO., 100 S. Elmwood Ave., Buffalo, N. Y.

Hi-Prime Complete Turkey Finisher  
Hi-Prime Complete Turkey Grower  
Hi-Prime Complete Turkey Grower Medicated 330-H  
Hi-Prime Turkey Fitting Ration  
Hi-Prime Turkey Starter Medicated 300-AR-S  
Hi-Prime Turkey Starter Medicated 300-H  
Lay or Bust Complete Chick Starter 225-B Medicated  
Lay or Bust Complete Grower & Layer  
Lay or Bust Complete Grower & Layer Medicated 230-B  
Lay or Bust Growing & Laying Mash  
Lay or Bust Growing & Laying Mash Medicated 205-B  
Lay or Bust Hi-Valu Pellets  
Milk Maid Calf Starter  
Milk Maid 16% Dairy Ration  
Milk Maid 20% Dairy Ration  
Milk Maid Dri-Fresh Ration  
Milk Maid Fitting Ration  
Milk Maid 14% Test Ration  
Milk Maid 18% Test Ration  
Park & Pollard 16% Dairy  
Park & Pollard Go-Tu-It Pig Grower  
Park & Pollard Go-Tu-It Pig Starter  
Park & Pollard Hi-Speed Horse Feed  
Park & Pollard Rabbit Pellets  
Red Ribbon 16% Dairy Ration  
Super Lay or Bust All-Mash Breeder  
Super Lay or Bust All-Mash Grower & Layer Medicated 130-B  
Super Lay or Bust Chick Starter Medicated 100-B  
Super Lay or Bust Egg Mash  
Super Lay or Bust Growing Feed  
Super Lay or Bust Growing Feed Medicated 105-B

PARRISH & HEIMBECKER, 43 Scott St., Toronto, Canada

Registered by A. S. MacDonald Commission, Boston, Mass.

Parrheim Pure Wheat Shorts

PASCO PACKING CO., Dade City, Fla.

O-Mi-O Citrus Pulp  
Sugar Sweet Citrus Meal  
Sugar Sweet Citrus Pulp

PATENT CEREALS CO., Geneva, N. Y.

Vermilion Hominy Feed

PENICK & FORD LTD. INC., Cedar Rapids, Iowa

Douglas Corn Gluten Meal  
21% Protein Douglas Corn Gluten Feed

PENNSYLVANIA HIDE & RENDERING CO., Div. of Van Iderstine Co., 917  
Middle St., Scranton, Pa.

Pennsylvania Meat & Bone Scraps

PERRYSBURG ALFALFA MILLS, INC., Ft. Meigs Rd., Perrysburg, Ohio

17% Dehydrated Alfalfa Meal



PET MILK CO., 1401 Arcade Bldg., St. Louis, Mo.

Pet Brand Dry Skimmed Milk

PHILBRICK STARCH CO. of L.I., INC., Riverhead, N. Y.

PHIL STAR Brand Dried Potato Pulp

PIERCE FEED CO., INC., Brooklyn, Conn.

Pierce Complete Breeder

Pierce Complete Grower

Pierce Complete Layer

Pierce Grower

Pierce 22% Layer

Pierce Starter

Pierce Starter Medicated

PILLSBURY MILLS, INC., Minneapolis, Minn.

Pillsbury's Amazon Second Clear

Pillsbury's XX Daisy

Pillsbury's Hard Wheat A Middlings with Ground Wheat Screenings  
not Exceeding Mill Run

Pillsbury's Hard Wheat Bran with Ground Wheat Screenings not  
Exceeding Mill Run

Pillsbury's Wheat Germ Meal

Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings  
not Exceeding Mill Run

PLANTERS NUT & CHOCOLATE CO., 200 Johnson Ave., Suffolk, Va.

Peanut Skins

PUBLICKER INDUSTRIES INC., 1429 Walnut St., Philadelphia, Pa.

"PACO" Molasses Distillers Dried Solubles

THE QUAKER OATS CO., Merchandise Mart Plaza, Chicago, Ill.

Bell Cow Wheat Bran

Bell Cow Wheat Shorts

Feeding Oat Groats

Feeding Steel Cut Oat Groats

Ful-O-Pep Broiler Concentrate (A2G1) Medicated

Ful-O-Pep Broiler Concentrate (A2Q5) Medicated

Ful-O-Pep Broiler Pre-Starter (C2) Medicated

Ful-O-Pep Broiler (Roaster) Finisher (A3G4) Medicated

Ful-O-Pep Broiler (Roaster) Finisher (A3Q) Medicated

Ful-O-Pep Bulky Boss

Ful-O-Pep Cage Layer Ration

Ful-O-Pep Calf Ration

Ful-O-Pep Calf Starter

Ful-O-Pep Chick Starter

Ful-O-Pep Chick Starter (BC) Medicated

Ful-O-Pep Chick Starter (G2) Medicated

Ful-O-Pep Chick Starter (Q2) Medicated

Ful-O-Pep Crate Fattener

Ful-O-Pep 32% Dairy Concentrate

Ful-O-Pep 40% Dairy Concentrate

Ful-O-Pep Derwood Horse Crunch

Ful-O-Pep Diethylstilbestrol Mixture for Fattening Beef Cattle

Ful-O-Pep Egg-Breeder Mash

Ful-O-Pep Egg-Breeder Ration

## THE QUAKER OATS CO., Merchandise Mart Plaza, Chicago, Ill. - Cont.

Ful-O-Pep Egg Mash  
Ful-O-Pep Egg Ration  
Ful-O-Pep Fitting Feed  
Ful-O-Pep Goat Feed  
Ful-O-Pep Gro-Pork (280K) Medicated  
Ful-O-Pep Growing Mash  
Ful-O-Pep Growing Mash (B1C1) Medicated  
Ful-O-Pep Growing Mash (G3) Medicated  
Ful-O-Pep Growing Mash (Q3) Medicated  
Ful-O-Pep Growing Ration  
Ful-O-Pep Growing Ration (BC) Medicated  
Ful-O-Pep Growing Ration (G2) Medicated  
Ful-O-Pep Growing Ration (Q1) Medicated  
Ful-O-Pep High Sweet Blend  
Ful-O-Pep High Sweet Blend L  
Ful-O-Pep Horse Feed  
Ful-O-Pep Laying Mash  
Ful-O-Pep Laying Ration  
Ful-O-Pep Medicated Broiler Bracer (C2D1)  
Ful-O-Pep Medicated Broiler Mash (E)  
Ful-O-Pep Medicated Super Greens Pellets (C2D1)  
Ful-O-Pep Milking Feed  
Ful-O-Pep Pig-N-Sow Ration  
Ful-O-Pep Pig Starter (KP) Medicated  
Ful-O-Pep Pro-Sweet Supplement  
Ful-O-Pep Pullet Developer  
Ful-O-Pep Pullet Developer (BC)  
Ful-O-Pep Pullet Developer (Q1) Medicated  
Ful-O-Pep Rabbit Ration  
Ful-O-Pep Super Broiler Concentrate (A2G1) Medicated  
Ful-O-Pep Super Broiler Concentrate (A5Q4) Medicated  
Ful-O-Pep Super Broiler Mash (A) Medicated  
Ful-O-Pep Super Broiler Mash (AG2) Medicated  
Ful-O-Pep Super Broiler Mash (AQ) Medicated  
Ful-O-Pep Super Broiler Pre-Starter (AG2) Medicated  
Ful-O-Pep Super Broiler Pre-Starter (AQ) Medicated  
Ful-O-Pep Super Cage Layer (A) Medicated  
Ful-O-Pep Super Egg Breeder Ration (A) Medicated  
Ful-O-Pep Super Greens Pellets  
Ful-O-Pep Super Laying Ration (A) Medicated  
Ful-O-Pep Super Laying Mash (A3) Medicated  
Ful-O-Pep Sweet 16 Dairy Feed  
Ful-O-Pep Turkey Breeder  
Ful-O-Pep Turkey Finisher Ration  
Ful-O-Pep 26% Turkey Grower  
Ful-O-Pep 20% Turkey Grower Ration  
Ful-O-Pep Turkey Starter  
Muffets Shredded Wheat Feed  
Peterborough Oat Mill By-Product  
Quaker Sugared Schumacher Feed  
Victor Steamed Rolled Oats  
Vim Oat Meal By-Product  
Yellow Hominy Feed

RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo.

Corn & Oat Provender  
Dairy Premix 36%  
Mixed Screenings  
Northeastern Scratch Feed (For Pullets)  
34% Protein (Expeller Process) Linseed Oil Meal  
41% Protein Solvent Extracted Cottonseed Meal  
44% Protein Solvent Extracted Soybean Oil Meal  
Purina B & M Cow Chow D  
Purina Baby Pig Chow F Medicated  
Purina Breeder Lay Chow E  
Purina Breeder Lay Chow S  
Purina Breeder Layena (Complete Ration) E  
Purina Broiler Chow Medicated  
Purina Broiler Chow 3 GC Medicated  
Purina Broiler Chow 3 NC Medicated  
Purina Broiler Chow 3 NC No. 2 Medicated  
Purina Broiler Chow Finisher D Medicated  
Purina Broiler Chow Finisher (D) 3 AB Medicated  
Purina Broiler Chow Finisher (D) 3 AB NC No. 2 Medicated  
Purina Broiler Chow Finisher (D) 3 NC No. 2 Medicated  
Purina Broiler Chow Finisher (D) Non  
Purina Broiler Chow Finisher 3 NC No. 2 Medicated  
Purina Broiler Chow Finisher E Medicated  
Purina Broiler Chow Finisher (E) 3 AB Medicated  
Purina Broiler Chow Finisher (E) AB NC Medicated  
Purina Broiler Chow Finisher (E) 3 AB NC No. 2 Medicated  
Purina Broiler Chow Finisher (E) 3 GC Medicated  
Purina Broiler Chow Finisher (E) 3 NC Medicated  
Purina Broiler Chow Finisher (E) 3 NC No. 2 Medicated  
Purina Broiler Chow Finisher E (Non)  
Purina Broiler Chow Finisher V Medicated  
Purina Broiler Chow Finisher (V) 3 GC Medicated  
Purina Broiler Chow Finisher (V) 3 NC No. 2 Medicated  
Purina Broiler Chow Starter (B) 3 NC No. 2 Medicated  
Purina Broiler Chow Starter D Medicated  
Purina Broiler Chow Starter (D) AB 3 NC No. 2 Medicated  
Purina Broiler Chow Starter (D) 3 NC No. 2 Medicated  
Purina Broiler Chow Starter (E) AB 3 NC Medicated  
Purina Broiler Chow Starter E Medicated  
Purina Broiler Chow Starter (E) AB 3 NC No. 2 Medicated  
Purina Broiler Chow Starter (E) 3 GC Medicated  
Purina Broiler Chow Starter (E) 3 NC No. 2 Medicated  
Purina Broiler Chow Starter (E) 3 NC Medicated  
Purina Broiler Chow Starter (V) 3 GC Medicated  
Purina Broiler Chow Starter (V) 3 NC No. 2 Medicated  
Purina Broiler Fattener E  
Purina Bulky Las  
Purina Calf Startena  
Purina Capena 3 GC Medicated  
Purina Capena 3 NC Medicated  
Purina Chick Chow (Coarse)  
Purina Chick Chow (Fine)  
Purina Chick Growena  
Purina Chick Growena GC Medicated  
Purina Chick Growena NC Medicated  
Purina Chick Growena NC No. 2 Medicated  
Purina Chick Growing Chow  
Purina Complete Sow & Pig Chow



RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo. - Cont.

Purina Cow Chow Concentrate  
Purina Cow Chow D 16%  
Purina Cow Chow D 20%  
Purina Cow Chow Supplement  
Purina D & F Chow  
Purina Dienestrol Diacetate & Nicarbazin Mixture in Purina Roaster Chow  
Purina Dienestrol Diacetate & Nicarbazin Mixture in Purina Roaster Chow No. 2  
Purina Dienestrol Diacetate & 3-Nitro Mixture in Purina Broiler Chow Finisher D  
Purina Dienestrol Diacetate & 3-Nitro Mixture in Purina Broiler Chow Finisher E  
Purina Dienestrol Diacetate & 3-Nitro-4-hydroxyphenylarsonic Acid Mixture in Purina Broiler Chow Finisher E  
Purina Dienestrol Diacetate & 3-Nitro & Nicarbazin Mixture in Purina Broiler Chow Finisher D No. 2  
Purina Dienestrol Diacetate & 3-Nitro & Nicarbazin Mixture in Purina Broiler Chow Finisher E No. 2  
Purina .0011% Diethylstilbestrol Mix in Purina Special Steer Fatena 32%  
Purina Duck Breeder Layena  
Purina Eggena  
Purina Fitting Ration  
Purina Fox Chow  
Purina Fox Chow (Without Meat Meal)  
Purina Game Bird Growena  
Purina Goat Chow  
Purina Guinea Pig Chow  
Purina Hog Fatena Medicated  
Purina Lamb Creep Chow  
Purina Lay Chow E  
Purina Lay Chow S  
Purina Layena (Complete Ration) E  
Purina Chek-R-Ton Granules  
Purina Meat Pullet Fattening Chow GC Medicated  
Purina Meat Pullet Fattening Chow NC Medicated  
Purina Medicated Chek-R-Aid  
Purina Medicated D & F Chow D  
Purina Medicated Rabbit Chow Checkers  
Purina Milk Chow D 16%  
Purina Milk Chow D 20%  
Purina Mink Breeder Chow  
Purina Mink Developer Chow  
Purina Mix-R-Mycin  
Purina Nursing Chow  
Purina OF Broiler Chow Finisher V Medicated  
Purina OF Broiler Chow Finisher (V) 3 GC Medicated  
Purina OF Broiler Chow Finisher (V) 3 NC Medicated  
Purina OF Broiler Chow Starter (V) AB 3 NC Medicated  
Purina OF Broiler Chow Starter (V) 3 NC Medicated  
Purina OF Broiler Chow Starter (V) AB 3 NC No. 2 Medicated  
Purina OF Broiler Chow Starter (V) 3 GC Medicated  
Purina Omolene  
Purina Pigeon Chow Checkers  
Purina Pig-Plus  
Purina Pig Startena Medicated  
Purina Poultry Booster Chow



## RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo. - Cont.

Purina Pullet Developer  
 Purina Pullet Developer GC Medicated  
 Purina Pullet Developer NC Medicated  
 Purina Pullet Developer NC No. 2 Medicated  
 Purina Rabbit Chow Checkers (20%)  
 Purina Rabbit Chow Checkers (Complete Ration)  
 Purina Rabbit Chow Checkers (Complete Ration) SQ Medicated  
 Purina Rabbit Chow Checkers NF (Complete Ration) Medicated  
 Purina Rabbit Chow Checkers NF SQ (Complete Ration) Medicated  
 Purina Rabbit Chow Checkers WO  
 Purina Range Checkers  
 Purina Roaster Chow  
 Purina Roaster Chow NC Medicated  
 Purina Roaster Chow NC No. 2 Medicated  
 Purina Rolled Oats (Steam Cooked)  
 Purina Special Steer Fatena 32%  
 Purina Squab Broiler Chow 3 NC Medicated  
 Purina Super Chick Startena Medicated  
 Purina Super Chick Startena 3 GC Medicated  
 Purina Super Chick Startena 3 NC Medicated  
 Purina Super Chick Startena 3 NC No. 2 Medicated  
 Purina Super Game Bird Startena  
 Purina Super Layena (Complete Ration)  
 Purina Turkey Breeder Layena  
 Purina Turkey Breeder Layena NH Medicated  
 Purina Turkey Broiler Finisher  
 Purina Turkey Fatena  
 Purina Turkey Fatena E  
 Purina Turkey Fatena NH Medicated  
 Purina Turkey Fatena NH Medicated  
 Purina Turkey Fatena SQ Medicated  
 Purina Turkey Finisher  
 Purina Turkey Finisher No. 1  
 Purina Turkey Finisher NH Medicated  
 Purina Turkey Finisher No. 1 NH Medicated  
 Purina Turkey Finisher No. 2  
 Purina Turkey Finisher No. 2 NH Medicated  
 Purina Turkey Growena  
 Purina Turkey Growena No. 1  
 Purina Turkey Growena No. 1 NH Medicated  
 Purina Turkey Growena No. 1 SQ Medicated  
 Purina Turkey Growena No. 2  
 Purina Turkey Growena No. 2 NH Medicated  
 Purina Turkey Growena No. 2 SQ Medicated  
 Purina Turkey Growena SQ Medicated  
 Purina Turkey Pre-Starter  
 Purina Turkey Startena  
 Purina Turkey Startena HS Medicated  
 Purina Turkey Startena NH Medicated  
 Purina Turkey Startena SQ Medicated

## READING MILLING CO., INC., Reading, Pa.

Faramel All Mash Layer  
 Faramel Rabbit Food Pellets

## RELIABLE GRAIN &amp; FUEL CO., 176 Westfield Ave., Ansonia, Conn.

Reliable 16% Dairy Feed

JAMES RICHARDSON & SONS, LTD., Royal Bank Bldg., Toronto, Canada  
Canadian Pure Bran

ROBIN HOOD FLOUR MILLS, LTD., Moose Jaw, Montreal, Canada  
Registered by International Milling Co., Minneapolis, Minn.  
Superior Wheat Bran

H. M. RUBIN CO., INC., 53-01 Vernon Blvd., Long Island City, N. Y.  
Rubco 55% Protein Meat & Bone Meal

RUSSELL-MILLER MILLING CO., 860 Grain Exchange, Minneapolis 15, Minn.  
Occident Wheat Bran  
Occident Wheat Germ Meal  
Occident Wheat Mixed Feed with Ground Wheat Screenings not  
Exceeding Mill Run or 8%  
Occident Wheat Red Dog  
Occident Wheat Standard Middlings with Ground Wheat Screenings  
not Exceeding Mill Run or 8%

WOLF SAVITSKY & SONS, INC., Foot of White St., Shelton, Conn.

Wolf's Broiler Finisher Medicated  
Wolf's Calf Ration  
Wolf's Complete Hi-Eff Egg-Breeder Mash Medicated  
Wolf's Complete Hi-Eff Growing Mash  
Wolf's Complete Hi-Eff Profit Builder Medicated  
Wolf's Egg Mash  
Wolf's Hi-Speed Starter & Broiler Ration Medicated  
Wolf's Horse Feed  
Wolf's Performo-Las  
Wolf's Pig & Hog Feed  
Wolf's Sulfaquinoxaline-Arsanilic Acid Mixture in Super Hi-Eff  
Starter & Broiler Ration  
Wolf's Sulfaquinoxaline Mixture in Complete Hi-Eff Growing Mash  
Wolf's Sweetened 14% Dairy Ration  
Wolf's Sweetened 16% Dairy Ration  
Wolf's Sweetened 18% Dairy Ration  
Wolf's Sweetened 20% Dairy Ration

SCHENLEY DISTILLERS, INC., 350 Fifth Ave., New York 1, N. Y.

Schenley Mark of Merit Corn Distillers Dried Grains with Solubles  
Schenley Mark of Merit Milo Distillers Dried Grains with Solubles  
Schenley's Soludri Corn Distillers Dried Solubles

SCHOENECK FARMS, INC., R.D. No. 3, Nazareth, Pa.  
Schoeneck's Super-Green Dehydrated Alfalfa Meal

SEACOAST PRODUCTS, INC., Lewes, Del.  
Smith's Fish Meal (Lifeline) Stabilized with (Food Grade)  
Butylated-Hydroxy-Toluene

JOSEPH E. SEAGRAM & SONS, INC., Louisville, Ky.  
Seagram's Corn Distillers Dried Grains 24%  
Seagram's Corn Distillers Dried Grains 26%  
Seagram's Corn Distillers Dried Solubles

SEYMOUR GRAIN & COAL CO., 100 Main St., Seymour, Conn.

Miracle All-In-One Hog Ration  
Miracle Broiler-Starter Medicated  
Miracle 14% Calf Grower  
Miracle Dairy 16%  
Miracle Fitting 14%  
Miracle Hi-Efficiency Grower  
Miracle Hi-Energy All-Mash Layer  
Miracle 20% Laying Mash  
Miracle 20% Turkey Grower  
Miracle 24% Turkey Growing Mash  
See-More Milk Dairy Ration 18%  
See-More Milk Dairy Ration 20%

THE SHERWIN-WILLIAMS CO., 101 Prospect Ave. N. W., Cleveland, Ohio

Sherwin-Williams 32% Linseed Oil Meal (A Blend of Expeller and  
Solvent Extracted Meals)

SILMO CHEMICAL CORP., Vineland, N. J.

(See also Vitamin Carriers)

Silmo Vit-Ad 750  
Silmo Vit-Ay 10,000 MS  
Silmo Vit-Ay 20,000 MS

THE W. J. SMALL CO., Div. Archer-Daniels-Midland Co., P.O. Box 356,  
Kansas City, Mo.

Small's 17% Dehydrated Alfalfa Meal

ALLEN V. SMITH INC., Marcellus Falls, N. Y.

Smith's Barley Feed (Red Tag Brand)

J. HOWARD SMITH, INC., Port Monmouth, N. J.

Smith's Lifeline Fish Meal

SOUTHERN FRUIT DISTRIBUTORS INC., P. O. Box 671, Orlando, Fla.

Bluebird Citrus Pulp

SOUTH WINDSOR GRAIN CO., South Windsor, Conn.

Valley Laying Mash

A. E. STALEY MANUFACTURING CO., Decatur, Ill.

Staley's 21% Corn Gluten Feed  
Staley's 41% Corn Gluten Meal  
Staley's Corn Oil Meal  
Staley's HI-PRO-CON 50% Protein Dehulled Solvent Extracted  
Soybean Oil Meal  
Staley's 44% Protein Solvent Extracted Soybean Oil Meal

STANDARD BRANDS INC., 625 Madison Ave., New York 22, N. Y.

Fleischmann's FIDY Type 36-F Irradiated Dry Yeast  
Fleischmann's FIDY Type 142-F Irradiated Dry Yeast

D. A. STICKELL & SONS, INC., Hagerstown, Md.

Stickell's Horse Feed  
Su-Pur Rabbit Pellets

F. W. STOCK & SONS, INC., Hillsdale, Mich.

Stock's Wheat Bran  
Stock's Wheat Middlings

SUNI-CITRUS PRODUCTS CO., Haines City, Fla.

Registered by Cocke & Co., Atlanta, Ga.

Suni-Citrolas  
Sweet Suni-Citrus Pulp

SUNNY SLOPE FARMS, INC., Box 234, Nazareth, Pa.

Sunny Slope Farms Brand Dehydrated Alfalfa Meal

SWIFT & CO., Box 110, Fostoria, Ohio

Swift's 41% Protein Solvent Extracted Cottonseed Meal or Pellets  
Swift's 44% Protein Solvent Extracted Soybean Oil Meal  
Swift's 50% Protein Dehulled Solvent Extracted Soybean Oil Meal

TREESWEET PRODUCTS CO., P.O. Box 72, Fort Pierce, Fla.

Treesweet Brand Dried Citrus Pulp

TRI ASSOCIATES, INC., 8500 Pillsbury Ave. South, Minneapolis, Minn.

(See also Vitamin Carriers)

Tri's Grade A Calf Milk Replacer

TROPICANA PRODUCTS, INC., Bradenton, Fla.

Tropicana's Sweetest Dried Citrus Pulp

ULTRA-LIFE LABORATORIES, INC., East St. Louis, Ill.

Ultra Brand Poul-Centrate  
Ultra-Life Calf Food Pellets  
Ultra-Life High Energy Poultry  
Ultra-Life Livestock  
Ultra-Life 3-Nitro-4-hydroxy Mix Incorp. in Ultra-Life Broiler-Gro  
Ultra-Life Pig-Gro

UNITED CO-OPERATIVE FARMERS, INC., 339 Broad St., Fitchburg, Mass.

UCF Breeder Medicated  
UCF Calf Meal  
UCF Calf Starter  
UCF 16% Dairy  
UCF 18% Dairy  
UCF 20% Dairy  
UCF 16% (Plus A) Dairy Medicated  
UCF Fitting Ration  
UCF Grower Medicated  
UCF Hi NRG All Mash Breeder Medicated  
UCF Hi NRG All Mash Grower & Layer Medicated  
UCF Hi NRG Poultry Finishing Ration Medicated Arsanilic Acid  
UCF Hi NRG Poultry Finishing Ration Medicated Glycarbylamide  
UCF Hi NRG Poultry Finishing Ration Medicated Nitrofurazone  
UCF Hi NRG Poultry Finishing Ration Medicated Nicarbazin  
UCF Horse Feed  
UCF Layer Medicated  
UCF Medicated Booster - Booster 100  
UCF Medicated Booster - Booster 200



## UNITED CO-OPERATIVE FARMERS, INC., Fitchburg, Mass. - Cont.

UCF Medicated Booster - Booster NF  
UCF Pig & Hog Feed  
UCF Poultry Fitting Ration  
UCF Succulent Dairy  
UCF Super Broiler Mash Medicated Arsanilic Acid  
UCF Super Broiler Mash Medicated Glycarbylamide  
UCF Super Broiler Mash Medicated Nicarbazin  
UCF Super Broiler Mash Medicated Nitrofurazone  
UCF Super Starter  
UCF Super Starter Medicated .002 Glycarbylamide  
UCF Super Starter Medicated .003 Glycarbylamide  
UCF Super Starter Medicated Nitrofurazone  
UCF Super Starter Medicated Sulfaquinoxaline

## UNITY FEEDS INC., 177 Milk St., Boston, Mass.

Unity Booster-Ettes Medicated  
Unity Broiler Maker Medicated  
Unity Complete Rabbit Pellets  
Unity Dairy & Fitting Ration  
Unity 16% Dairy Ration  
Unity Growing & Laying Mash  
Unity High Energy Growing & Laying Mash  
Unity Horse Feed  
Unity Improved Calf Ration  
Unity Pig & Hog Ration  
Unity Roaster Maker Pellets Medicated  
Unity Scratch Feed  
Unity Super Starter Medicated  
Unity Trim Medicated

## UNIVERSAL GRAIN CO. of NEW JERSEY, 425 South St., Newark, N. J.

Superior Cow Brand Dried Brewers Grains

## GEORGE URBAN MILLING CO., 332 No. Oak St., Buffalo, N. Y.

Wheat Standard Middlings with Ground Screenings not Exceeding  
Mill Run

## VALLEY POULTRY FARM, Woodstock Valley, Conn.

Valco Broiler Feed

## HIRAM WALKER &amp; SONS, INC., Foot of Edmund St., Peoria, Ill.

Corn Distillers' Dried Grains with Solubles

## WILLIAM S. WARREN &amp; SON, Eastford, Conn.

Registered by Clyde Milling Corp., Clyde, N. Y.

Warren's Dairy Fitting Ration  
Warren's 16 Dairy Ration  
Warren's Laying Mash

Registered by Delaware Milling Co., Inc., Deposit, N. Y.

Warren's C & C Breeder Mash  
Warren's C & C Complete Growing Mash  
Warren's C & C Complete Laying Mash  
Warren's C & C Laying Mash  
Warren's Chick Starter

## WILLIAM S. WARREN &amp; SON, Eastford, Conn. - Cont.

Registered by Delaware Milling Co., Inc., Deposit, N. Y. - Cont.

Warren's Complete Grower  
Warren's Fitting Ration  
Warren's Indian 16% Dairy  
Warren's Laying Mash  
Warren's 16% Test Ration

Registered by Harper Feed Mills, Inc., Washington, Pa.

Warren's Complete Growing Mash  
Warren's Complete Laying Mash  
Warren's Complete Lay Pellets  
Warren's Complete Starting Mash  
Warren's 20% Laying Mash  
Warren's Test Cow 16% Dairy with Pellets

## THE WATERTOWN CO-OPERATIVE ASS'N., INC., Watertown, Conn.

Co-op Red Tag 16%  
Watertown Co-op 16% Dairy Feed

## H. K. WEBSTER CO., Lawrence, Mass.

Blue Seal Advance Broiler Medicated  
Blue Seal All-Mash Breeder's Ration  
Blue Seal All-Mash Egg Ration  
Blue Seal All-Mash Grow & Lay  
Blue Seal All-Mash Grow & Lay Medicated  
Blue Seal All-Mash Growing Ration  
Blue Seal All-Mash Growing Ration Medicated  
Blue Seal Calf Starter  
Blue Seal Chick Feed  
Blue Seal Chick Starter Medicated  
Blue Seal Coarse "16" Dairy Ration  
Blue Seal Coarse "20" Dairy Ration  
Blue Seal "32" Dairy Concentrate  
Blue Seal Economizer "16" Dairy Ration  
Blue Seal Egg Mash  
Blue Seal Fat and Finish Ration  
Blue Seal Fat and Finish Ration Medicated  
Blue Seal Fitting Ration  
Blue Seal Flaked 15  
Blue Seal Goat Feed  
Blue Seal Growing Mash  
Blue Seal Horse Feed  
Blue Seal Medicated Chick Booster  
Blue Seal Medicated Poultry Zest  
Blue Seal Pig Feed  
Blue Seal Poultry and Turkey Fitting  
Blue Seal Rabbit Pellets  
Blue Seal Standard 16 Dairy Ration  
Blue Seal Standard 20 Dairy Ration  
Blue Seal Standard "14" Fitting Ration  
Blue Seal Succulent Feed and Calving Ration  
Blue Seal Super Breeder's Mash  
Blue Seal Test Ration  
Blue Seal Turkey Growing

WESTERN CONDENSING CO., Box 739, Appleton, Wis.

(See also Vitamin Carriers)

Peebles' Free Choice Feed

Peebles' 10-28 Super Calf-Kit

WEST-NESBITT INC., 26-34 Market St., Oneonta, N. Y.

All Pure Milk Ration

Cream-Line 16% Dairy Ration

Cream-Line Dairy Test Ration

Pure Feed Broiler Finisher Medicated

Pure Feed Broiler Starter Medicated

Pure Feed Chick Grains

Pure Feed Complete Grower

Pure Feed Complete Layer-Breeder

Pure Feed Complete Rabbit Pellets

Pure Feed Dairy Ration

Pure Feed Dairy-Test Ration

Pure Feed Egg & Breeder

Pure Feed Egg Maker

Pure Feed 14% Fitting Ration

Pure Feed Grower

Pure Feed Horse Ration

Pure Feed Starter

Pure Feed Starter Medicated

Pure Feed Swine Ration

Pure Feed Turkey Finisher

Pure Feed Turkey Grower

Pure Feed Turkey Starter Medicated

A. C. WETHERELL, Suffield, Conn.

Dewhurst 16% Dairy Ration

Special Dairy Mixture No. 3

WHITMOYER LABORATORIES, INC., Myerstown, Pa.

(See also Vitamin Carriers)

Flav-A-Dee

Gro-Tein

THE GEO. WIEDEMANN BREWING CO., 601 Columbia St., Newport, Ky.

Brewers Dried Grains

WILKINS-ROGERS MILLING CO., INC., 3261 K St. N. W., Washington, D. C.

Washington Laying Mash

WINTER GARDEN CITRUS PRODUCTS COOPERATIVE, Winter Garden, Fla.

Wholesun Dried Citrus Pulp

WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass.

Rex Wheat Bran (Mfd. by Maple Leaf Milling Co., Toronto, Canada)

Rex Wheat Middlings (Mfd. by Maple Leaf Milling Co., Toronto, Canada)

Dienestrol Diacetate - Nicarbazin - Sodium Arsanilate Mixture in

Wirthmore Finisher 423

Wirthmore All Pellet 16% Dairy Feed

Wirthmore Baby Chick Scratch

Wirthmore Big W 16% Dairy

Wirthmore Big W 20% Dairy

## WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass. - Cont.

Wirthmore Big W Silage Preservative  
Wirthmore Breeder Mash  
Wirthmore 40% Broiler Concentrate  
Wirthmore 40% Broiler Concentrate 497 Medicated Glycarbylamide  
Wirthmore 40% Broiler Concentrate 497 Medicated Nicarbazin  
Wirthmore Broiler Finisher 422 Medicated Glycarbylamide  
Wirthmore Broiler Finisher 422 Medicated Nicarbazin  
Wirthmore Broiler Starter 407 Medicated Glycarbylamide  
Wirthmore Broiler Starter 407 Medicated Nicarbazin  
Wirthmore Calf Starter Meal  
Wirthmore Calving Feed  
Wirthmore Chick Starter  
Wirthmore Chick Starter 400 Medicated  
Wirthmore Chick Starter 401 Medicated Glycarbylamide  
Wirthmore Chick Starter 401 Medicated Nicarbazin  
Wirthmore Coarse Test Dairy Feed  
Wirthmore Coccidiosis Treatment Ration  
Wirthmore Commercial Grower Layer  
Wirthmore Commercial High Calorie Broiler Starter 601 Medicated  
Wirthmore Commercial High Calorie Broiler Starter 610 Medicated  
Wirthmore Commercial Hi-Ener-G Broiler Ration 602 Medicated  
Wirthmore Commercial Hi-Ener-G Broiler Ration 613 Medicated  
Wirthmore Complete Breeder Ration  
Wirthmore Complete Egg Ration  
Wirthmore Complete Egg Ration 412 Medicated  
Wirthmore Complete Growing Ration  
Wirthmore Complete Growing Ration 409 Medicated  
Wirthmore Complete Turkey Breeder Ration  
Wirthmore Complete Turkey Fattening Ration  
Wirthmore Complete Turkey Fattening Ration 443 Medicated  
Wirthmore Complete Turkey Growing Ration  
Wirthmore Complete Turkey Growing Ration 442 Medicated  
Wirthmore 16 Dairy Feed  
Wirthmore 20 Dairy Feed  
Wirthmore 36% Dairy Mixing Feed  
Wirthmore 16 Dairy Record Feed  
Wirthmore 18 Dairy Record Feed  
Wirthmore 32 Dairy Supplement  
Wirthmore Finisher 425 Medicated  
Wirthmore 14 Fitting Feed  
Wirthmore Fodder Greens  
Wirthmore Game Bird Grower Ration  
Wirthmore Game Bird Starter 480 Medicated  
Wirthmore Green Mountain 14  
Wirthmore Green Mountain 16  
Wirthmore Green Mountain 20  
Wirthmore Grow & Egg Mash  
Wirthmore Grow & Egg Mash 415 Medicated  
Wirthmore Growing Scratch  
Wirthmore Hi-Ener-G 16  
Wirthmore Hi-Ener-G 16 456 Medicated  
Wirthmore Hi-Ener-G Breeder  
Wirthmore Hog Grower  
Wirthmore Hog Grower 521 Medicated  
Wirthmore Horse Feed  
Wirthmore Improved Hi-Ener-G Broiler Ration 403 Medicated  
Glycarbylamide  
Wirthmore Improved Hi-Ener-G Broiler Ration 403 Medicated  
Nicarbazin



## WIRTHMORE FEEDS INC.. 343 Winter St., Waltham, Mass. - Cont.

Wirthmore Improved Hi-Ener-G Broiler Ration 404 Medicated  
Glycarbylamide  
Wirthmore Improved Hi-Ener-G Broiler Ration 404 Medicated  
Nicarbazin  
Wirthmore Improved Hi-Ener-G Starter & Broiler Ration  
Wirthmore Meatless Mink Food  
Wirthmore Medicated 200  
Wirthmore Medicated Broiler Perk  
Wirthmore Medicated Ketrol  
Wirthmore Medicated Pig Zip  
Wirthmore Medicated Quickies  
Wirthmore Medicated Rabbit Pellets 553  
Wirthmore Medicated Treat 431  
Wirthmore Medicated Turk-E-Perk 435  
Wirthmore Mink Food  
Wirthmore Pig & Sow Feed  
Wirthmore Pig & Sow Feed 520 Medicated  
Wirthmore 36% Poultry Concentrate  
Wirthmore Poultry Fitting  
Wirthmore Poultry Flush  
Wirthmore Poultry Wormer  
Wirthmore Production Scratch  
Wirthmore Rabbit Pellets  
Wirthmore Roaster Finisher 425 Medicated  
Wirthmore Sheep & Goat Feed  
Wirthmore Special Scratch Feed with Cracked Corn  
Wirthmore Special Scratch Feed with Whole Corn  
Wirthmore Stock Feed  
Wirthmore Stock Primer  
Wirthmore Super Layer Ration 458 Medicated  
Wirthmore Super Pellets  
Wirthmore Turkey Breeder Ration  
Wirthmore Turkey Growing Ration  
Wirthmore Turkey Growing Ration 433 Medicated  
Wirthmore Turkey Growing Ration 441 Medicated  
Wirthmore Turkey Starter 419 Medicated  
Wirthmore Twin-Mix Calf Feed

## WIRTHMORE FEED CO., Concord, N. H.

Hygrade 16% Dairy

## THE YANTIC GRAIN &amp; PRODUCTS CO., 3 Cove St., Norwich, Conn.

Big Y All in All Egg Ration  
Big Y All in All Growing Ration  
Big Y Breeder Mash  
Big Y Calf Starter & Builder  
Big Y Calving Ration  
Big Y Chick Scratch Grain  
Big Y Chlortetracycline Mixture 0.05%  
Big Y Confinement Growing Mash  
Big Y Confinement Growing Mash with Glycarbylamide  
Big Y Controlled Growing Ration  
Big Y Dairy & Fitting Ration  
Big Y 16% Dairy Ration  
Big Y 18% Dairy Ration  
Big Y 20% Dairy Ration  
Big Y Dairy Ration - Purity  
Big Y 32% Dairy Supplement Feed

## THE YANTIC GRAIN &amp; PRODUCTS CO., 3 Cove St., Norwich, Conn. - Cont.

Big Y Egg Maker  
 Big Y Extra Production Laying Mash Medicated  
 Big Y Fattening Pellets  
 Big Y Hi-Efficiency Breeder Ration  
 Big Y Hi-Efficiency Grower  
 Big Y Hi-Efficiency Grower with Glycarbylamide  
 Big Y Hi-Efficiency Laying Mash  
 Big Y Hi-G Dairy Ration  
 Big Y Hi-G Scratch Feed  
 Big Y Hog & Pig Ration  
 Big Y Horse Feed  
 Big Y Improved Al-Mo  
 Big Y Improved Turkey Starter & Game Bird Feed  
 Big Y Improved Turkey Starter & Game Bird Feed with Sulfaquinoxaline  
 Big Y Intermediate Chick Grain  
 Big Y 20% Laying Mash  
 Big Y M & O Growing Feed  
 Big Y Meat Pullet & Caponette Ration  
 Big Y Peerless Broiler & Starter Ration with Glycarbylamide  
 Big Y Poultry Fitting Ration  
 Big Y Powerhouse Crumbles Medicated  
 Big Y Pre-Starter with Glycarbylamide  
 Big Y Rabbit Pellets  
 Big Y Scratch Feed  
 Big Y Sheep & Goat Feed  
 Big Y Stock Feed  
 Big Y Super Starter Ration  
 Big Y Super Starter with Glycarbylamide  
 Big Y Supreme Laying Mash  
 Big Y Test Cow Ration  
 Big Y Turkey Breeder Mash  
 Big Y Turkey Fattener  
 Big Y Turkey Growing Feed

## YIELDMOR FEEDS, INC., Box 807, Piqua, Ohio

David Small's D.S.H.S. Broiler Feed Medicated (DS-20)  
 David Small's D.S.H.S. Broiler Feed Medicated Glycarbylamide  
 David Small's D.S.H.S. Broiler Feed Medicated Nicarbazine  
 David Small's D.S.H.S. Finishing Feed Medicated (DS-21)  
 David Small's D.S.H.S. Finishing Feed Medicated Glycarbylamide  
 David Small's D.S.H.S. Finishing Feed Medicated Nicarbazine  
 David Small's Growing Mash  
 David Small's High Efficiency All Mash Breeder Medicated  
 David Small's Male Breeder  
 .0023% Dienestrol Diacetate with .0125% Nicarbazine & Arsonic  
 Growth Stimulant in Yieldmor 20% Caponette Feed (F-23)  
 .0035% Dienestrol Diacetate with .0125% Nicarbazine & Arsonic  
 Growth Stimulant in Yieldmor Caponette Finishing Feed (F-35)  
 Yieldmor 20% Caponette Feed F-20 Medicated  
 Yieldmor 23% Finishing Feed F-325 Medicated  
 Yieldmor 23% Finishing Feed F-425 Medicated  
 Yieldmor 24% Super Broiler B-34 Medicated  
 Yieldmor 24% Super Broiler B-39 Medicated  
 Yieldmor 24% Super Broiler B-42 Medicated  
 Yieldmor 24% Super Broiler B-43 Medicated  
 Yieldmor 24% Super Broiler B-125 Medicated  
 Yieldmor 24% Super Broiler B-425 Medicated  
 Yieldmor 20% Super Finisher F-2 Medicated

## YIELDMOR FEEDS, INC., Box 807, Piqua, Ohio - Cont.

Yieldmor 20% Super Finisher F-12 Medicated  
Yieldmor 20% Super Finisher F-13 Medicated  
Yieldmor 20% Super Finisher F-14 Medicated  
Yieldmor 20% Super Finisher F-125 Medicated  
Yieldmor Sweet Feed

## MEYER ZAUSNER INC., New Holland, Pa.

Zausner Condensed Whole Whey

## WITAMIN CARRIERS

## AMERICAN CYANAMID CO., P. O. Box 672, Princeton, N. J.

(See also Feeds)

Fortafeed 2-2-12-50  
Fortafeed 2-22  
Fortafeed 2-22C  
Fortafeed 2-49-90  
Fortafeed 2-49C  
Fortafeed 4 Riboflavin  
(PA-45) Pantothenic Acid  
Profactor 6-Vit. B<sub>12</sub>  
Profactor 10

## THE BEACON MILLING CO., Inc., A Division of Spencer Kellogg &amp; Sons, Inc., Cayuga, N. Y.

(See also Feeds)

Beacon High Vitamin D<sub>2</sub> Mix

## THE BORDEN CO., Special Products Div., 350 Madison Ave., New York, N. Y.

(See also Feeds)

Borden's Dry D  
Flaydry Poultry Feed Supplement

## CHEMO PURO MFG. CORP., 150 Doremus Ave., Newark, N. J.

Chemo Nutrient Premix Code No. MGS-2

## CLINTON CORN PROCESSING CO., Clinton, Iowa

Clinton CFS Concentrate No. 3

## COMMERCIAL SOLVENTS CORP., 260 Madison Ave., New York, N. Y.

(See also Feeds)

B-Y-21 Riboflavin Supplement  
B-Y Vitamin Feed Supplement 60

## DAWE'S LABORATORIES, INC., 4800 So. Richmond St., Chicago, Ill.

(See also Feeds)

Dawe's Fermentation Flavonne  
Dawe's Pan-Dex 16  
Dawe's Premix No. 1  
Dawe's Premix No. 2  
Dawe's Premix No. 111

DAWE'S LABORATORIES, INC., 4800 So. Richmond St., Chicago, Ill. - Cont.

Dawe's Riboflavin Supplement 4

Dawe's Vitamelk Ruminant Type

3-Nitro-4-Hydroxy Mixture in Special Broiler Mix No. 571-D

E. I. duPONT deNEMOURS AND COMPANY, Wilmington, Del.

(See also Feeds)

DU PONT DELSTEROL 3000-D, "D"-Activated Animal Sterol

(Vitamin D<sub>3</sub>) in Corn Meal

EASTERN STATES FARMERS' EXCHANGE, INC., West Springfield, Mass.

(See also Feeds)

Calfsaver Tablets

THE FOX CO., Newfield, N. J.

(See also Feeds)

Foxco D Activated Animal Sterol (Source of Vitamin D<sub>3</sub>)

Foxco Flavitein

Foxco Qualadee A & D Feeding Oil

Foxco Vitamin D Feeding Oil

GORTON'S OF GLOUCESTER, INC., 327 Main St., Gloucester, Mass.

(See also Feeds)

Gorton's Al-Blend "Junior"

KRAFT FOODS, Div. National Dairy Products Corp., 99 Park Ave., New York 16, N. Y.

(See also Feeds)

Kaff-A

Kaff-A Booster Pellets

Pex for Broilers

Pex for Layers -Breeders

Pex for Poultry

Pex for Poultry - Block

THE MERCHANTS CREAMERY CO., 536 Livingston St., Cincinnati, Ohio

(See also Feeds)

Blue Ribbon Emulsion

Blue Ribbon Special

MERCK & CO., INC., Rahway, N. J.

No. 742 Feed Supplement

No. 659 Vitamin Mixture

No. 444 Vitamin Mixture

MYZON, INC., 3129 W. 47th St., Chicago, Ill.

Myzon Formula 62 Poultry Builder

Myzon Poultry Builder

Myzon Swine Builder

NATIONAL VITAMIN PRODUCTS CO., 3401 Hiawatha Ave. So., Minneapolis 6, Minn.

Calvita Calf Formula



NOPCO CHEMICAL CO., Harrison, N. J.

(See also Feeds)

Niacin 50%

Nopco-Pak Hi-Lay Premix (Code DDA)

Nopco-Pak Super Premix (Code DCR)

Nopdex 3000

CHAS. PFIZER & CO., INC., 11 Bartlett St., Brooklyn, N. Y.

High Lay Premix

SILMO CHEMICAL CORP., Vineland, N. J.

(See also Feeds)

Silmo MFD Vitamin D<sub>2</sub>

Silmo 300 Vitamin A & D Feeding Oil

Silmo Vit-ad 750

Silmo Vit-ay 10,000 MS

Silmo Vit-ay 20,000 MS

Silmo XX

STABILIZED VITAMINS, INC., 57-59 Commerce St., Brooklyn, N. Y.

Dry D, 15,000

Perma-Mix C. C. C. No. 1

Perma-Mix C. C. C. No. 2

Perma-Mix C. C. C. No. 3

STANDARD BRANDS INC., 625 Madison Ave., New York, N. Y.

Fleischmann's FIDY Type 36-F Irradiated Dry Yeast

Fleischmann's FIDY Type 142-F Irradiated Dry Yeast

TRI ASSOCIATES, INC., 8500 Pillsbury Ave. South, Minneapolis, Minn.

(See also Feeds)

Tri's Grade A Calf Milk Replacer

U. S. INDUSTRIAL CHEMICALS CO., 99 Park Ave., New York, N. Y.

U.S.I. Brand Riboflavin Supplement No. 4

VITARON CHEMICAL MFG. CO., 146 Monroe St., Garfield, N. J.

Vitaron Vitamin A and D Feeding Oil

WESTERN CONDENSING CO., Box 739, Appleton, Wis.

(See also Feeds)

Peebles' Free Choice Feed

Peebles' 10-28 Super Calf-Kit

WHITMOYER LABORATORIES, INC., Myerstown, Pa.

(See also Feeds)

Complete Starter Premix No. 3

Dri-Col 1500 D<sub>3</sub>

Flav-A-Dee

Gro-Tein

Whitcod 300D-2250A

Whitcod Pure Cod Liver Oil USP Non Destearinated

Whitmoyer Quality Vitamin A & D Feeding Oil

THE YANTIC GRAIN & PRODUCTS CO., 3 Cove St., Norwich, Conn.

Big Y Vitamin A and D Feeding Oil

### SUMMARY OF INSPECTION

In the calendar year 1958, a total of 2,227 samples was examined. This total included official samples of commercial feeds, carriers of vitamin D and other vitamins, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison	159
Check feeds, A. A. F. C. O., etc.	13
Commercial feeding stuffs, official samples	861
Miscellaneous feeds, etc., analyzed for purchasers	178
Pasture grass, etc., samples for Storrs Station	912
Vitamin carriers	104
	<u>2,227</u>

Samples examined for Storrs Station are in connection with investigations carried on by that Station and are not for discussion in this report.

#### Commercial Feeding Stuffs

For the reasons explained in last year's report<sup>2</sup>, while medicated feeds have been analyzed since 1949 it was not until 1957 that such feeds were required to be registered under the Feeding Stuffs Law. In both 1957 and 1958 the Station agent endeavored to locate and sample all brands of feeds - whether medicated or not - on sale in this State, and the guaranties for all declared medicants were checked in the laboratory so far as possible on such samples in addition to making the usual protein, fat and fiber determinations.

The results of our analyses of the official samples can be summarized as follows:

Total number of samples	861
Samples deficient in:	
one item	78
two items	10
three items	1
Percentage of samples meeting guaranties	89
Total guaranties made	90
Guaranties not met:	2,764 <sup>3</sup>
protein	13
fat	46
fiber	16
arsanilic acid	9
nicarbazin	7
3-nitro-4-hydroxyphenylarsonic acid	6
sulfaquinoxaline	4
Percentage of guaranties met	101
	96

<sup>2</sup> Conn. Agr. Expt. Sta. Bul. 616, 44 (1958).

<sup>3</sup> Fifty-two samples with five guaranties, 84 with four guaranties, 718 with three guaranties and seven with two guaranties (guaranties for antibiotics and other undetermined medicants not included).

The proportion of samples meeting all guaranties was noticeably greater than the 84 per cent found in 1957, and it should be particularly noted that there was a substantial decrease in samples deficient in protein and fat: From 31 to 13 in the case of proteins and from 77 to 46 in the case of fat. The overall percentage of satisfactory guaranties, however, has remained substantially constant (between 95 and 96) since 1955.

Two samples call for special notice: (1), In the case of 5792, Wayne Chick Starter (133) Medicated, 0.0095 per cent of arsanilic acid had been substituted for the declared 0.0025 per cent of 3-nitro-4-hydroxyphenylarsonic acid; and (2), 6054, Clyde R.S. 10, was found to be contaminated with 6.8 parts per million of DDT that had been carried into the feed as a spray residue on its apple pomace constituent. Since there is a zero tolerance for DDT in dairy cattle feeds, this latter feed was suitable only for feeding to beef animals.

Analyses are given in Table 1; deficiencies are shown by wavy underlining as follows:~~~~. (Tolerances used were 0.75 per cent for protein and fiber, 0.25 per cent for fat, and  $\pm$  20 per cent of guaranty for drugs and other minor ingredients.)

#### Vitamin Carriers

Seventy-one samples of vitamin D carriers were assayed for this vitamin by official methods, using day-old chicks for poultry feed supplements and rats for supplements for four-footed animals. Forty-four of these samples guaranteed two or more additional vitamins (either riboflavin and niacin or riboflavin, niacin and pantothenic acid), and results for these vitamins are included in Table 2 under the respective samples. This table also lists 33 samples which contained no vitamin D; 22 of these were sold as sources of riboflavin, niacin and pantothenic acid, while two were offered as concentrates of riboflavin plus niacin, and six guaranteed riboflavin only, two niacin only, and one pantothenic acid only.

All of the vitamin D samples met their guaranties for this vitamin or came sufficiently close thereto to be passed. This 100 per cent passing ratio has never been reached in previous years, although the ratio for 1957 was 97 per cent. During the entire 22-year period from 1937 to 1958 inclusive that such vitamin D assays have been run, 1,184 samples have been examined, of which 1,078, or 91 per cent, have been passed.

On the basis of a  $\pm$  20 per cent tolerance, the numbers of samples failing to meet their guaranties for the other vitamins were as follows:

<u>Deficient in</u>	<u>No. of samples</u>	
Riboflavin, niacin and pantothenic acid	8	
Riboflavin and niacin	10	
Niacin and pantothenic acid	5	
Riboflavin and pantothenic acid	1	
Riboflavin	10	
Niacin	2	
Pantothenic acid	4	40



Of the total of 104 samples, 64 (62 per cent) met all guaranties. Two hundred and five out of the total of 277 guaranties, or 74 per cent, were met.

### Miscellaneous Feeds

One hundred and seventy-eight unofficial samples of feed and fodder materials were examined. This total included commercial feeds carried over from stock purchased by dealers prior to 1958, other mixed feeds and feed ingredients analyzed at the request of purchasers, dealers, the Federal Correctional Institution at Danbury and the State Supervisor of Purchases, and samples of hay and silage submitted by farmers.

Analyses of two unusual feed materials may be of interest:

4483. Chicken Waste. Connecticut By-Products, Inc., Columbia, Conn. Protein, 24.88; water, 3.09; fat, 64.60, and fiber, 0.50 per cent.

6234. Peanut Hearts. Brooklawn Grain & Feed Co., Bridgeport, Conn. Protein, 29.44; water, 4.32; fat, 45.51, and fiber, 2.30, per cent.

The following medicated feeds contained too much or too little of a declared drug:

4010. Special Mix for Albert Bartizek. Ralston Purina Co., St. Louis, Mo. Sulfaquinoxaline, per cent: Guaranteed, 0.025; found 0.0192.

6348. Super Ma-Co Broiler Finishing Ration, Medicated Crumbles. Maritime Milling Co., Inc., Buffalo, N. Y. Nicarbazin, per cent: Guaranteed, 0.0125; found, 0.0150. Arsanilic acid, per cent: Guaranteed, 0.01; found, 0.0148.

6349. Super Ma-Co Broiler Ration Medicated. Maritime Milling Co., Inc., Buffalo, N. Y. Nicarbazin, per cent: Guaranteed, 0.0125; found, 0.0058. Arsanilic acid, per cent: Guaranteed, 0.01; found, 0.0123.

4843. Wolf's Hi-Speed Starter & Broiler Ration Medicated. Wolf Savitsky & Sons, Inc., Shelton, Conn. (Sample submitted by State Supervisor of Purchases.) Sulfaquinoxaline, per cent: Guaranteed, 0.0175; found, 0.0161. Arsanilic acid, per cent: Guaranteed, 0.0090; found, 0.0122.

It is known that if feeds containing the coccidiostat nicarbazin are fed to laying hens the eggs of such hens may be discolored. This fact led to the submission to us in 1958 of six samples of feeds with requests that they be tested for the presence of undeclared nicarbazin which was suspected of being responsible for abnormal egg production. The drug was detected in the following five (although in minute proportions in some cases):

4732. Dayville High Energy Grower-Layer Pellets. Dayville Grain & Feed Co., Dayville, Conn. Nicarbazin, 0.0102 per cent.

6128. Purina Lay Chow E Checkers. Ralston Purina Co., St. Louis, Mo. Nicarbazin, 0.0004 per cent.



5801. Unknown Brand. William Kauppi, Canterbury, Conn. Nicarbazin, 0.0012 per cent.

6346. Unknown Brand. Joseph Libitzki, Colchester, Conn. Nicarbazin, 0.0030 per cent.

4655. Wirthmore Complete Turkey Breeder Ration. Wirthmore Feeds, Inc., Waltham, Mass. Nicarbazin, 0.0006 per cent.

As usual, a number of materials were submitted because they were suspected of having caused the illness or death of animals. Tests for deleterious substances were completely negative on all feed samples except the following eight:

3103A, 3103B, 3538 and 3539. Big Y Rabbit Pellets. Yantic Grain & Products Co., Norwich, Conn. These four samples were submitted by a rabbit breeder with a complaint that several of her rabbits had died after being put on this feed. Tests for all poisons and for drug ingredients of poultry feeds were negative; microscopic examinations showed only the declared alfalfa meal, wheat bran, ground oats, soya bean meal, wheat middlings, ground corn meal, calcium carbonate and salt; and two rats kept on the feed for four days suffered no ill effect and actually gained weight. However, when two rabbits were placed on the same diet one died in 26 hours, while the other became very quiet and stopped eating and drinking for a while but recovered completely in five days while still on the feed. The explanation that seemed to fit the facts best was that this particular lot of feed (there had been no complaint from other purchasers of the same brand) was a carrier of some disease to which rabbits were susceptible.

6013. Cat Food. Mrs. Paul Arpin, Norwich, Conn. Copper, 12 parts per million.

4318 and 4319. Test Cow Ration. Yantic Grain & Products Co., Norwich, Conn. Steel shaving, fragments of cast iron or steel and particles of slag present.

6072. Unknown Chicken Feed. Peter Markowitz, Putnam, Conn. Nicarbazin, 0.135 per cent, which is 11 times the normal dosage.

Two samples which were not feeds were submitted in connection with animal-poisoning cases. While the results of their analysis were not significant from a poisoning standpoint they may be of interest:

4772. Material for Treating Hay. Frank Denny, Terryville, Conn. Sodium bicarbonate, 75.0; sodium carbonate, 8.3; calcium carbonate, 12.2, and water and undetermined, 4.5 per cent.

5983. Yellow Powder Found in Pasture. William Harper, Torrington, Conn. This powder proved to be straight sulphur.

#### Biological Specimens Examined for Poisons

One hundred and fifty-nine biological specimens were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 56 of these, poisonous substances were found in sufficient quantity to suggest probable or possible causes of death.

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Antimony (2), arsenic (1), arsenic with cadmium (1), arsenic with copper (Paris Green) (1), arsenic with cyanide (1), beryllium (22), cadmium (1), chlordanes (1), copper (2), cyanide (1), DDE (2), lead (13), lead with thallium (1), mercury (3), mushrooms (3) and zinc (1). The 22 beryllium samples did not represent actual cases of animal poisoning but were air filter mats submitted by the Bureau of Industrial Hygiene of the State Department of Health in connection with factory inspections. Excluding these, the predominant poison was lead, with 14 cases.

The Paris Green (copper acetoarsenite) sample consisted of a chicken bone smeared with this pigment which had caused the death of a dog; no doubt this was a case of malicious poisoning. The one case of chlordanes poisoning involved a puppy that had frequented premises treated by a professional pest exterminator; about 0.35 parts per million of this pesticide was found in the combined stomach and liver tissue by the method of Williams.<sup>4</sup> Copper is not usually thought of as a poisonous element, but copper poisoning in sheep has been reported before<sup>5</sup>, and in both the cases of copper poisoning listed above sheep were involved and the copper contents of the livers were abnormally high (about 100 parts per million). The two specimens in which DDE (a metabolic product of DDT) was found were jays. Of the three cases of mercury poisoning one each was a fox, a dog and an owl.

The three cases of mushroom poisoning were human ones in which the mushrooms themselves were referred by the Poison Control Center of the State Department of Health to this Station for classification as to their relative toxicities. Species identification was first made so far as possible by Mrs. Frances Meyer of the Plant Pathology Department, after which Dr. Lester Hankin of our microbiological laboratory prepared aqueous extracts and injected them into weanling rats. In the case of one sample (5513) identified as *Amanita Russuloides* the extract produced partial paralysis, rapid breathing and slow response to stimuli 30 minutes after injection, slight muscle tremors in another 15 minutes, with beginning recovery in three hours and apparently complete recovery in five hours; upon sacrifice of one animal hemorrhagic areas were noted on the liver and kidneys. A specimen identified as *Amanita Muscaria* or *Spretia* (5493) caused prostration, complete paralysis and no response to stimuli one hour after injection, with partial recovery in two hours and disappearance of all symptoms in three hours. When an extract of the third specimen (5476) - which had been tentatively identified as *Amanita Spretia* - was injected, the animal fell into deep sleep with very heavy breathing within one-half hour, and died an hour later; hemorrhagic areas were found on the liver, kidneys, heart and spleen, and the bladder was distended.

<sup>4</sup> J. Assoc. Official Agr. Chem., 40, 257. (1957).

<sup>5</sup> "Keeping Livestock Healthy", Yearbook of Agriculture, 1942, U.S. Dept. of Agriculture, p. 336.

## Check Feeds

Twelve feeds were analyzed in the check feed program sponsored by the Association of American Feed Control Officials, and one sample of alfalfa was assayed for carotene in a program also sponsored by that association.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moist- ure	Protein (N x 6.25)	
			Guaran- teed not less than	Found
ACME-EVANS CO. INC., Indianapolis, Ind.				
6272	Acme Wheat Bran	10.87	14.00	15.25
4675	Acme Wheat Standard Middlings	11.84	14.00	15.13
5977	Acme Yellow Hominy	12.76	9.00	9.75
ALBERS MILLING CO., Los Angeles, Calif.				
6087	Albers Calf Manna	11.07	25.00	27.00
6089	Albers Rabbit Breeder Ration	10.47	15.00	16.75
6295	Albers Rabbit Family Ration	9.82	18.00	18.00
6088	Suckle	8.88	24.00	26.25
ALLIED MILLS, INC., Chicago, Ill.				
6447	Sucrene 16% Dairy "P"	9.21	16.00	19.38
5777	Wayne Broiler Feed (157) Medicated	13.46	20.00	21.00
7443	Wayne Calf Grower	11.82	15.00	19.75
6450	Wayne Calfnip	6.89	23.00	23.00
7446	Wayne Calf Starter "A"	10.73	16.00	17.38
6110	Wayne Chick Feed	11.92	9.00	9.00
5792	Wayne ChickStarter(133) Medicated	12.73	20.00	23.28
6453	Wayne 16% Dairy	11.06	16.00	19.00
6109	Wayne 26% Egg & Breeder	10.71	26.00	33.75
7269	Wayne Egg (122) Medicated	10.56	22.00	24.13
5775	Wayne 16% Finishing Feed (198) Medicated	14.09	16.00	18.63
6446	Wayne Fitting Ration	10.91	13.00	15.63
6108	Wayne Hog Balancer	10.76	35.00	36.13
7346	Wayne Horse Feed	11.94	9.00	10.75
7037	Wayne Medicated H-A-D (171)	12.16	20.00	20.75
6137	Wayne Mink Meal	11.24	20.00	23.88
6111	Wayne Pork Maker	11.48	14.00	20.38

~~~~~ indicates deficiencies.



## INSPECTION OF 1958

| Fat                                 |             | Fiber                               |       | Medicant                                                                                                                                                                               |
|-------------------------------------|-------------|-------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                                                                                        |
| 3.00                                | 3.92        | 9.50                                | 6.55  |                                                                                                                                                                                        |
| 3.00                                | 4.46        | 9.50                                | 8.40  |                                                                                                                                                                                        |
| 7.00                                | 7.57        | 6.00                                | 3.72  |                                                                                                                                                                                        |
| 3.50                                | 3.52        | 5.50                                | 4.81  |                                                                                                                                                                                        |
| 2.00                                | 2.32        | 22.00                               | 20.76 |                                                                                                                                                                                        |
| 3.00                                | 3.29        | 16.00                               | 8.88  |                                                                                                                                                                                        |
| 5.00                                | <u>4.00</u> | 1.50                                | 0.54  |                                                                                                                                                                                        |
| 2.50                                | 3.21        | 15.00                               | 9.78  |                                                                                                                                                                                        |
| 3.00                                | 3.94        | 4.00                                | 3.28  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0043%. Nicarbazin:<br>Guar., 0.01%; found, 0.0102%.                                                               |
| 3.00                                | 3.34        | 9.50                                | 6.94  |                                                                                                                                                                                        |
| 0.50                                | 0.34        | 0.25                                | 0.22  |                                                                                                                                                                                        |
| 3.00                                | 3.74        | 7.50                                | 6.01  |                                                                                                                                                                                        |
| 2.00                                | 3.93        | 4.00                                | 1.56  |                                                                                                                                                                                        |
| 4.00                                | 3.84        | 5.50                                | 4.81  | Glycarbylamide: Guar., 0.002%;<br>found, 0.0021%. 3-Nitro-4-<br>hydroxyphenylarsonic acid:<br>Guar., 0.0025%; found, <u>none</u> .<br>Arsanilic acid: not declared;<br>found, 0.0095%. |
| 3.00                                | 3.13        | 9.00                                | 7.00  |                                                                                                                                                                                        |
| 4.00                                | <u>2.75</u> | 7.00                                | 4.83  |                                                                                                                                                                                        |
| 4.00                                | <u>4.34</u> | 4.50                                | 4.15  | Arsanilic acid: Guar., 0.015%;<br>found, 0.016%.<br>3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0025%;<br>found, 0.0025%. Nicarbazin:<br>Guar., 0.01%; found, 0.0104%.          |
| 4.00                                | 4.72        | 3.50                                | 2.61  |                                                                                                                                                                                        |
| 3.00                                | 3.18        | 8.50                                | 6.29  |                                                                                                                                                                                        |
| 1.50                                | 2.46        | 8.00                                | 5.39  |                                                                                                                                                                                        |
| 2.50                                | 3.19        | 12.00                               | 8.65  |                                                                                                                                                                                        |
| 5.00                                | 5.14        | 4.00                                | 3.41  | Sulfaquinoxaline: Guar., 0.05%;<br>found, <u>0.039%</u> . Antibiotics<br>guaranteed; not determined.                                                                                   |
| 2.00                                | 4.52        | 5.00                                | 3.60  |                                                                                                                                                                                        |
| 3.00                                | 3.63        | 8.00                                | 6.36  |                                                                                                                                                                                        |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                    | Manufacturer and brand                                   | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|------------------------------------------------|----------------------------------------------------------|---------------|-------------------------------------|--------------|
|                                                |                                                          |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 6449                                           | Wayne Rabbit Ration                                      | 9.62          | 17.00                               | 18.00        |
| 5776                                           | Wayne Rocket Broiler Starter<br>(186A) Medicated         | 13.62         | 23.00                               | 23.38        |
| 7445                                           | Wayne Starter & Grower "E"                               | 9.73          | 18.00                               | <u>15.00</u> |
| 5793                                           | Wayne Starter & Grower "E" (136E)<br>Medicated           | 11.85         | 18.00                               | 20.13        |
| 6448                                           | Wayne Sweet Bulky Feed "E"                               | 10.46         | 12.00                               | 15.00        |
| 7276                                           | Wayne Tail Curler Medicated                              | 10.81         | 16.00                               | 18.00        |
| 6452                                           | Wayne Test Cow Ration                                    | 9.16          | 16.00                               | 17.63        |
| 7444                                           | Wayne Turkey Grower                                      | 10.50         | 22.00                               | 22.00        |
| 7268                                           | Wayne Universal Egg (128)<br>Medicated                   | 10.82         | 18.00                               | 19.88        |
| 6451                                           | Wayne Universal Grower                                   | 11.25         | 16.00                               | 19.38        |
| AMERICAN CRYSTAL SUGAR CO., Denver, Colo.      |                                                          |               |                                     |              |
| 6952                                           | Plain Dried Beet Pulp                                    | 9.71          | 8.00                                | 9.25         |
| AMERICAN CYANAMID CO., New York, N. Y.         |                                                          |               |                                     |              |
| 5805                                           | Arsanilic Acid 20%                                       |               |                                     |              |
| 7496                                           | Megasul 25%                                              | 6.78          | 3.00                                | 34.75        |
| AMERICAN MAIZE-PRODUCTS CO., New York, N. Y.   |                                                          |               |                                     |              |
| 6104                                           | Amaizo Gluten Meal                                       | 9.39          | 41.00                               | 46.25        |
| 7390                                           | Cream of Corn Gluten Feed                                | 12.91         | 21.00                               | 21.00        |
| ARCHER-DANIELS-MIDLAND CO., Minneapolis, Minn. |                                                          |               |                                     |              |
| 6273                                           | Archer Quality 34% Protein<br>Linseed Oil Meal Sol. Ext. | 10.94         | 34.00                               | 34.75        |
| 6082                                           | Archer Quality 44% Protein Sol.<br>Ext. Soybean Oil Meal | 11.83         | 44.00                               | 47.88        |
| ATLANTIC PROCESSING CO., Amagansett, N. Y.     |                                                          |               |                                     |              |
| 6247                                           | Smith's Life Line Fish Meal                              | 9.06          | 55.00                               | 66.25        |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant   |
|-------------------------------------|-------------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |  |
| 2.00                                | 3.54        | 15.00                               | 9.56  |  |
| 5.00                                | 5.56        | 2.50                                | 2.33  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0046%. Nicarbazin:<br>Guar., 0.01%; found, 0.0116%. |
| 3.50                                | 5.29        | 6.00                                | 4.83  |  |
| 3.50                                | 4.36        | 6.00                                | 4.84  | Glycarbylamide: Guar., 0.002%;<br>found, 0.0019%.  |
| 1.50                                | 3.22        | 15.00                               | 10.86 |  |
| 3.00                                | 3.31        | 5.00                                | 4.48  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0079%. Antibiotic<br>guaranteed; not determined.                               |
| 4.00                                | 4.46        | 9.00                                | 7.15  |  |
| 3.50                                | 3.94        | 5.00                                | 4.97  |  |
| 4.00                                | 3.91        | 4.00                                |       | Arsanilic acid: Guar., 0.01%;<br>found, 0.010%.  |
| 3.50                                | 3.54        | 4.50                                | 3.66  |  |
| 0.30                                | 0.94        | 22.00                               | 18.21 |  |
| 7.00                                | 28.04       | 13.00                               | 7.85  | Arsanilic acid: Guar., 20%;<br>found, 20%.<br>Nitrophenide: Guar., 25%;<br>found, 25%.                                   |
| 1.00                                | 2.82        | 6.00                                | 3.11  |  |
| 2.00                                | <u>1.54</u> | 9.50                                | 7.47  |  |
| 0.50                                | 1.39        | 10.00                               | 9.73  |  |
| 0.50                                | 0.99        | 7.00                                | 4.92  |  |
| 4.00                                | 7.13        | 3.00                                | 0.28  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                 | Manufacturer and brand  | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|---|---|---------------|-------------------------------------|-------|
|   |   |               | Guaran-<br>teed not<br>less<br>than | Found |
| BAY STATE MILLING CO., Winona, Minn.        |   |               |                                     |       |
| 6093  | Wingold Standard Hard Wheat Mid-<br>dlings & Wheat Screenings | 13.50         | 16.00                               | 18.00 |
| THE BEACON MILLING CO., INC., Cayuga, N. Y. |   |               |                                     |       |
| 6243  | Auburn "16" Dairy Ration                                      | 11.84         | 16.00                               | 17.38 |
| 4726  | Auburn "14" Fitting Ration                                    | 11.15         | 14.00                               | 15.31 |
| 5998  | Beacon Balancer Pellets                                       | 10.65         | 20.00                               | 20.38 |
| 6619  | Beacon Beef Creep & Fitting<br>Ration                         | 10.11         | 14.00                               | 16.38 |
| 4729  | Beacon Broiler Finisher                                       | 10.61         | 20.00                               | 20.06 |
| 7142  | Beacon Broiler Finisher NCA<br>Medicated                      | 11.10         | 20.00                               | 20.88 |
|   |   |               |                                     |       |
| 7283  | Beacon C-C Pellets  | 10.92         | 15.00                               | 16.13 |
| 6889  | Beacon Calf Grow  | 10.99         | 17.00                               | 19.13 |
| 7153  | Beacon Cape-Roaster Finisher NC<br>Medicated                  | 11.43         | 20.00                               | 20.38 |
| 6620  | Beacon Dairy Fitting  | 10.16         | 14.00                               | 15.88 |
| 6618  | Beacon "16" Dairy Ration                                      | 10.20         | 16.00                               | 17.63 |
| 6894  | Beacon Duck Grower Finisher                                   | 11.16         | 16.00                               | 16.75 |
| 6870  | Beacon "22" Egg Mash  | 8.41          | 22.00                               | 23.38 |
| 4728  | Beacon Goat Ration  | 10.51         | 16.00                               | 17.31 |
| 7391  | Beacon Hog Grower Medicated                                   | 12.41         | 14.00                               | 14.00 |
|   |   |               |                                     |       |
| 5996  | Beacon Horse Feed   | 12.04         | 13.00                               | 13.63 |
| 5997  | Beacon Market Egg All-Mash                                    | 11.11         | 17.00                               | 18.63 |
| 6892  | Beacon Milk Check "16" Dairy<br>Ration                        | 10.88         | 16.00                               | 18.25 |
| 7423  | Beacon Milk Check "20" Dairy<br>Ration                        | 12.28         | 20.00                               | 22.00 |
| 6891  | Beacon Milk Check Fitting Ration                              | 11.52         | 14.00                               | 14.25 |
| 7421  | Beacon "30" Mixer   | 12.06         | 30.00                               | 30.75 |
| 5713  | Beacon Starter-Broiler NCA<br>Medicated                       | 12.12         | 23.00                               | 23.75 |
|   |   |               |                                     |       |
| 7422  | Beacon Sweet "16" Dairy Ration                                | 13.29         | 16.00                               | 16.75 |
| 6893  | Beacon "16" Test Cow Ration                                   | 10.99         | 16.00                               | 16.00 |
| 4725  | Beacon "18" Test Cow Ration                                   | 11.37         | 18.00                               | 18.00 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant                                                                                            |
|-------------------------------------|-------|-------------------------------------|-------|-----------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                     |
| 4.00                                | 4.88  | 9.50                                | 8.92  |                                                                                                     |
| 3.00                                | 3.51  | 9.00                                | 9.95  |                                                                                                     |
| 3.00                                | 3.31  | 10.00                               | 8.65  |                                                                                                     |
| 3.00                                | 3.45  | 6.00                                | 4.46  |                                                                                                     |
| 4.00                                | 4.31  | 9.00                                | 6.21  |                                                                                                     |
| 5.00                                | 6.21  | 3.50                                | 2.65  |                                                                                                     |
| 5.00                                | 5.98  | 3.50                                | 2.56  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0144%. Arsanilic<br>acid: Guar., 0.0099%; found,<br>0.011%. |
| 4.50                                | 7.18  | 5.00                                | 4.43  | Sulphur: Guar., 5%; found,<br>4.98%.                                                                |
| 3.00                                | 3.22  | 9.00                                | 6.41  |                                                                                                     |
| 4.50                                | 5.34  | 4.00                                | 2.85  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0124%.                                                      |
| 3.25                                | 3.82  | 9.00                                | 6.55  |                                                                                                     |
| 3.50                                | 4.21  | 9.00                                | 6.79  |                                                                                                     |
| 3.50                                | 5.62  | 6.50                                | 4.47  |                                                                                                     |
| 4.75                                | 5.64  | 5.00                                | 3.36  |                                                                                                     |
| 3.00                                | 3.50  | 10.00                               | 7.50  |                                                                                                     |
| 3.00                                | 3.59  | 6.00                                | 4.51  | Antibiotic guaranteed; not<br>determined.                                                           |
| 3.00                                | 3.34  | 9.00                                | 8.06  |                                                                                                     |
| 4.75                                | 5.50  | 4.50                                | 4.31  |                                                                                                     |
| 3.00                                | 3.99  | 10.00                               | 6.76  |                                                                                                     |
| 3.00                                | 2.76  | 10.00                               | 8.68  |                                                                                                     |
| 3.00                                | 3.32  | 10.00                               | 7.17  |                                                                                                     |
| 2.00                                | 2.64  | 10.00                               | 8.57  |                                                                                                     |
| 5.00                                | 7.44  | 4.00                                | 2.50  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0120%. Arsanilic<br>acid: Guar., 0.009%; found,<br>0.0082%. |
| 3.50                                | 3.59  | 9.00                                | 6.53  |                                                                                                     |
| 4.00                                | 4.08  | 9.00                                | 6.93  |                                                                                                     |
| 4.00                                | 4.46  | 9.00                                | 6.83  |                                                                                                     |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                                 | Manufacturer and brand                        | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------------------------------------------------------|-----------------------------------------------|---------------|-------------------------------------|-------|
|                                                             |                                               |               | Guaran-<br>teed not<br>less<br>than | Found |
| 4727                                                        | Beacon Turkey & Game Bird<br>Fitting          | 11.46         | 10.00                               | 10.25 |
| 6890                                                        | Beacon "20" Turkey Grower                     | 9.61          | 20.00                               | 20.00 |
| 7420                                                        | Be-Co-Grower                                  | 11.70         | 15.00                               | 16.63 |
| 7298                                                        | Be-Co-Lass                                    | 12.87         | 11.00                               | 11.00 |
| 4724                                                        | Be-Co-Layer                                   | 10.56         | 16.00                               | 16.31 |
| 6621                                                        | Be-Co Nurse Milk Replacer                     | 5.46          | 24.00                               | 24.25 |
| 6895                                                        | Bulky Green                                   | 12.22         | 11.00                               | 13.88 |
| THE BERKMAN GRAIN CO., North Franklin, Conn.                |                                               |               |                                     |       |
| 5987                                                        | Nibco Booster Crumbles<br>Medicated           | 12.66         | 20.00                               | 22.00 |
| 6142                                                        | Nibco Crate Fattener                          | 10.92         | 12.00                               | 14.38 |
| 6185                                                        | Nibco 18% Dairy Ration                        | 9.16          | 18.00                               | 19.63 |
| 6141                                                        | Nibco Fitting Ration                          | 12.99         | 14.00                               | 14.13 |
| 5795                                                        | Nibco Five Star Roaster Feed<br>Medicated     | 11.12         | 16.00                               | 18.25 |
| 5812                                                        | Nibco Five Star Roaster Feed<br>Medicated     | 12.17         | 16.00                               | 18.63 |
| 5779                                                        | Nibco Five Star Roaster NIC<br>Feed Medicated | 14.22         | 16.00                               | 18.00 |
| 5794                                                        | Nibco Five Star Super Starter<br>Medicated    | 12.00         | 25.00                               | 25.50 |
| 5796                                                        | Nibco Five Star Weight Maker<br>Medicated     | 12.11         | 22.00                               | 23.50 |
| 5778                                                        | Nibco Five Star Weight Maker<br>NIC Medicated | 13.08         | 22.00                               | 21.38 |
| 6208                                                        | Nibco High Energy Laying &<br>Growing Mash    | 12.29         | 16.00                               | 17.50 |
| 6143                                                        | Nibco Scratch Feed                            | 12.94         | 10.00                               | 11.13 |
| THE BLOOMFIELD FARMERS' EXCHANGE INC.,<br>Bloomfield, Conn. |                                               |               |                                     |       |
| 6685                                                        | Bloomfield 16% Dairy Ration                   | 12.11         | 16.00                               | 16.00 |
| 6690                                                        | Bloomfield 16% Dairy Ration                   | 10.91         | 16.00                               | 16.63 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant  |
|-------------------------------------|-------------|-------------------------------------|-------|---|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |   |
| 2.50                                | 3.06        | 9.00                                | 5.48  |   |
| 3.50                                | 4.94        | 5.50                                | 3.13  |   |
| 3.00                                | 3.78        | 7.50                                | 5.97  |   |
| 2.00                                | 2.39        | 12.00                               | 10.32 |   |
| 3.00                                | 3.97        | 7.00                                | 5.90  |   |
| 10.00                               | 11.03       | 0.25                                | 0.23  |   |
| 2.00                                | 2.79        | 17.00                               | 10.33 |   |
| 2.50                                | 3.00        | 4.50                                | 3.50  | Furazolidone: Guar., 0.011%;<br>found, 0.0113%. Antibiotic<br>guaranteed; not determined.                                 |
| 3.50                                | 4.90        | 9.00                                | 4.03  |   |
| 4.00                                | 4.33        | 8.00                                | 6.88  |   |
| 4.00                                | 4.15        | 8.00                                | 6.28  |   |
| 4.50                                | 4.68        | 3.00                                | 2.22  | Glycarbylamide: Guar., 0.0025%;<br>found, 0.0021%.  |
| 4.50                                | 4.89        | 3.00                                | 2.59  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0051%.   |
| 4.50                                | 4.59        | 3.00                                | 2.29  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0029%. Nicarbazin:<br>Guar., 0.010%; found, 0.0108%. |
| 7.00                                | <u>6.04</u> | 2.50                                | 2.06  | Glycarbylamide: Guar., 0.0025%;<br>found, 0.0020%.  |
| 6.00                                | 6.11        | 2.50                                | 2.65  | Glycarbylamide: Guar., 0.0025%;<br>found, 0.0022%.  |
| 6.00                                | 6.01        | 2.50                                | 2.48  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.004%. Nicarbazin:<br>Guar., 0.01%; found, 0.0106%.   |
| 3.00                                | 3.92        | 4.00                                | 3.83  |   |
| 3.00                                | 3.78        | 6.50                                | 3.50  |   |
| 3.50                                | <u>3.19</u> | 8.00                                | 5.79  |   |
| 3.50                                | <u>4.01</u> | 8.00                                | 6.86  |   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                    | Manufacturer and brand                            | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|---|---------------|-------------------------------------|-------|
|  |   |               | Guaran-<br>teed not<br>less<br>than | Found |
| BROOKLAWN GRAIN & FEED CO., Bridgeport, Conn.  |   |               |                                     |       |
| 4752   | Brooklawn Egg Mash                                | 11.21         | 18.00                               | 19.50 |
| 5893   | Brooklawn Sweet Mix                               | 12.44         | 16.00                               | 17.38 |
| BROWN-FORMAN DISTILLERS CORP., Louisville, Ky. |   |               |                                     |       |
| 7474   | B-F Corn Distillers Dried<br>Solubles             | 7.40          | 24.00                               | 27.50 |
| THE BUCKEYE COTTON OIL DIV., Cincinnati, Ohio  |   |               |                                     |       |
| 6106   | Buckeye 44% Protein Sol. Ext.<br>Soybean Oil Meal | 9.49          | 44.00                               | 45.50 |
| CALVERT DISTILLERS LTD., Amherstburg, Ontario  |   |               |                                     |       |
| 7376   | Corn Distiller's Dried Grain                      | 8.72          | 25.00                               | 25.88 |
| 7468   | Corn Distiller's Dried Grain                      | 6.59          | 25.00                               | 25.50 |
| CAMDEN GRAIN CO., Camden, N. J.                |   |               |                                     |       |
| 7214   | Camden Brand Dried Brewers<br>Grain               | 7.91          | 24.00                               | 25.00 |
| THE C. W. CAMPBELL CO., Westerly, R. I.        |   |               |                                     |       |
| 4742   | Best Pig & Hog Ration                             | 10.43         | 15.00                               | 21.13 |
| 6646   | Camco Horse Feed                                  | 10.69         | 10.00                               | 11.38 |
| 6648   | Campbell Co. Milk Replacer                        | 3.14          | 32.00                               | 32.38 |
| 6645   | Coarse 16% Dairy Ration                           | 10.11         | 16.00                               | 16.75 |
| 4741   | Dairy 14% Ration                                  | 19.80         | 14.00                               | 13.79 |
| 6624   | 16% Dairy Ration                                  | 9.42          | 16.00                               | 19.25 |
| 6626   | 18% Dairy Ration                                  | 10.73         | 18.00                               | 20.75 |
| 6644   | Economical Stock Feed                             | 10.16         | 14.00                               | 14.50 |
| 6647   | Egg-O Complete Layer All-Mash                     | 10.20         | 16.00                               | 18.63 |
| 6641   | Egg-O Complete Layer Hi Calorie                   | 11.61         | 17.00                               | 17.63 |
| 6643   | Egg-O Grower                                      | 10.36         | 20.00                               | 20.75 |
| 6642   | Egg-O Laying Mash                                 | 10.62         | 20.00                               | 20.00 |
| 6625   | 12% Fitting Ration                                | 10.56         | 12.00                               | 14.00 |
| 5707   | Medicated Egg-O Special Broiler<br>Finisher       | 13.38         | 19.50                               | 20.63 |
| 5708   | Medicated Egg-O Special Broiler<br>Prime Finisher | 13.52         | 15.00                               | 17.50 |
| 6627   | Sheep & Goat Feed                                 | 11.05         | 15.00                               | 16.88 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant                                                                                                                         |
|-------------------------------------|-------------|-------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                                  |
| 4.00                                | 4.56        | 6.00                                | 5.05  |                                                                                                                                  |
| 3.50                                | 3.40        | 9.00                                | 7.56  |                                                                                                                                  |
| 8.00                                | <u>3.89</u> | 4.00                                | 4.35  |                                                                                                                                  |
| 0.50                                | 1.34        | 7.00                                | 6.30  |                                                                                                                                  |
| 8.00                                | 10.21       | 13.00                               | 7.58  |                                                                                                                                  |
| 8.00                                | 9.23        | 13.00                               | 7.91  |                                                                                                                                  |
| 6.00                                | <u>4.31</u> | 17.00                               | 14.92 |                                                                                                                                  |
| 4.00                                | 4.60        | 8.00                                | 7.68  |                                                                                                                                  |
| 3.00                                | 3.65        | 10.00                               | 5.36  |                                                                                                                                  |
| 2.50                                | 5.16        | 4.50                                | 2.18  |                                                                                                                                  |
| 3.00                                | 3.90        | 8.00                                | 5.50  |                                                                                                                                  |
| 4.00                                | <u>2.96</u> | 9.00                                | 5.60  |                                                                                                                                  |
| 3.00                                | <u>2.94</u> | 8.00                                | 5.21  |                                                                                                                                  |
| 2.50                                | 2.69        | 8.00                                | 5.29  |                                                                                                                                  |
| 1.60                                | 3.23        | 16.00                               | 11.61 |                                                                                                                                  |
| 3.50                                | 3.94        | 4.50                                | 3.96  |                                                                                                                                  |
| 4.00                                | 5.32        | 4.00                                | 2.27  |                                                                                                                                  |
| 3.50                                | 4.86        | 6.00                                | 4.64  |                                                                                                                                  |
| 3.50                                | 4.79        | 6.00                                | 4.41  |                                                                                                                                  |
| 3.00                                | 3.58        | 9.00                                | 5.57  |                                                                                                                                  |
| 4.00                                | 6.29        | 2.75                                | 2.21  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.003%;<br>found, 0.0035%. Nicarbazin:<br>Guar., 0.01%; found, 0.0116%.         |
| 3.75                                | 5.38        | 2.75                                | 2.08  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.002%;<br>found, 0.002%. Nicarbazin:<br>Guar., 0.006%; found, <u>0.0085%</u> . |
| 3.00                                | 3.01        | 9.00                                | 5.09  |                                                                                                                                  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                                           | Manufacturer and brand                                      | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-----------------------------------------------------------------------|-------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                                                       |                                                             |               | Guaran-<br>teed not<br>less<br>than | Found |
| THE CANADA LINSEED OIL MILLS, LTD.,<br>Montreal, Canada               |                                                             |               |                                     |       |
| 6464                                                                  | Maple Leaf 34% Protein Expeller<br>Linseed Oil Meal         | 10.63         | 34.00                               | 36.88 |
| THE A. B. CAPLE CO., Toledo, Ohio                                     |                                                             |               |                                     |       |
| 5953                                                                  | Alfalfa Crumbles                                            | 11.61         | 13.00                               | 15.38 |
| CARGILL, INCORPORATED, Minneapolis, Minn.                             |                                                             |               |                                     |       |
| 6396                                                                  | Cargill 44% Protein Sol. Ext.<br>Soybean Oil Meal           | 11.15         | 44.00                               | 44.00 |
| CENTRAL CONN. CO-OPERATIVE FARMERS' ASS'N. INC.,<br>Manchester, Conn. |                                                             |               |                                     |       |
| 6266                                                                  | Honest Brand Aureomycin Mix                                 | 11.34         | 18.00                               | 19.88 |
| 7165                                                                  | Honest Brand Complete Breeder<br>Mash                       | 11.89         | 16.00                               | 16.38 |
| 6265                                                                  | Honest Brand Complete Ration<br>High Energy Growing Mash    | 11.51         | 15.00                               | 15.00 |
| 7028                                                                  | Honest Brand Complete Ration<br>High Energy Growing Mash SQ | 13.05         | 15.00                               | 15.75 |
| 7164                                                                  | Honest Brand Complete Ration<br>High Energy Laying Mash     | 12.11         | 15.00                               | 16.00 |
| 7493                                                                  | Honest Brand Complete Ration<br>High Energy Laying Mash FZ  | 11.11         | 15.00                               | 15.75 |
| 7494                                                                  | Honest Brand Complete Ration<br>High Energy Laying Mash FZ  | 11.34         | 15.00                               | 15.63 |
| 5774                                                                  | Honest Brand Nu Weigh Hi<br>Broiler Mash with Nicarbazin    | 14.95         | 20.00                               | 21.13 |
| 6264                                                                  | Honest Brand Nu Weigh Hi<br>Finisher Mash                   | 11.14         | 18.00                               | 19.88 |
| 4873                                                                  | Honest Brand Nu Weigh Hi<br>Starter with Sulfaquinoxaline   | 13.57         | 20.00                               | 21.44 |
| CENTRAL SOYA CO. INC., Ft. Wayne, Ind.                                |                                                             |               |                                     |       |
| 6105                                                                  | Central's 50% Soybean Oil Meal<br>Solvent Extracted         | 11.73         | 50.00                               | 51.75 |
| CITRUS FEED CO., Lakeland, Fla.                                       |                                                             |               |                                     |       |
| 6090                                                                  | Florida Crest All Sweet Dried<br>Citrus Pulp                | 10.42         | 6.00                                | 8.63  |
| 6653                                                                  | Fosgate's Ace High All Sweet Dried<br>Citrus Pulp           | 7.77          | 6.00                                | 6.13  |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant   |
|-------------------------------------|-------------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |  |
| 4.00                                | 4.78        | 9.00                                | 7.92  |  |
| 1.00                                | 1.31        | 33.00                               | 30.97 |  |
| 0.50                                | 1.12        | 7.00                                | 6.90  |  |
| 3.00                                | 3.41        | 4.00                                | 3.83  |  |
| 3.00                                | 3.14        | 5.00                                | 3.05  |  |
| 3.00                                | 4.09        | 4.00                                | 3.45  |  |
| 4.00                                | 3.89        | 3.00                                | 2.50  | Sulfaquinoxaline: Guar., 0.0175%;<br>found, <u>0.0855%</u> . |
| 3.00                                | 3.16        | 4.00                                | 3.30  |  |
| 3.00                                | <u>2.44</u> | 4.00                                | 2.98  | Furazolidone: Guar., 0.011%;<br>found, 0.0130%.              |
| 3.00                                | 2.91        | 4.00                                | 2.94  | Furazolidone: Guar., 0.022%;<br>found, 0.0215%.              |
| 3.00                                | 4.01        | 4.00                                | 2.43  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0134%.               |
| 2.00                                | 3.42        | 6.50                                | 3.65  |  |
| 3.00                                | 3.34        | 4.00                                | 3.28  | Sulfaquinoxaline: Guar., 0.0175%;<br>found, 0.0178%.         |
| 0.50                                | 0.93        | 3.00                                | 3.11  |  |
| 2.50                                | 6.44        | 11.00                               | 10.11 |  |
| 3.00                                | 5.96        | 11.00                               | 11.00 |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                | Manufacturer and brand                     | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|--|---------------|-------------------------------------|-------|
|  |  |               | Guaran-<br>teed not<br>less<br>than | Found |
| CLINTON CORN PROCESSING CO., Clinton, Iowa |  |               |                                     |       |
| 6313                                       | Clinton C.F.S. Concentrate No.3            | 10.37         | 25.00                               | 26.88 |
| CLYDE MILLING CORP., Clyde, N. Y.          |  |               |                                     |       |
| 6487                                       | C-M-C 30 Dairy Mixing Ration               | 12.11         | 30.00                               | 28.25 |
| 6267                                       | Clyde Booster 16 Dairy Ration              | 12.61         | 16.00                               | 16.00 |
| 6481                                       | Clyde Complete Layer & Grower Mash         | 10.66         | 16.00                               | 17.63 |
| 6473                                       | Clyde Complete Rabbit Pellets              | 10.00         | 15.00                               | 16.00 |
| 6480                                       | Clyde Dry & Freshening Ration              | 9.50          | 14.00                               | 17.00 |
| 7439                                       | Clyde Fitting Ration                       | 11.32         | 12.00                               | 14.25 |
| 6482                                       | Clyde Grow-Rite Complete Pullet Ration     | 10.99         | 16.00                               | 18.13 |
| 6484                                       | Clyde H-E Complete Breeder Mash            | 9.93          | 16.50                               | 19.25 |
| 6052                                       | Clyde Hi-Cal-Re Complete Layer & Grower    | 12.75         | 16.50                               | 19.25 |
| 6486                                       | Clyde Horse Feed                           | 9.99          | 10.00                               | 11.25 |
| 6055                                       | Clyde Life Span 15 Fortified Dairy Ration  | 12.61         | 15.00                               | 15.75 |
| 7440                                       | Clyde Market Egg Mash                      | 11.01         | 20.00                               | 20.38 |
| 6485                                       | Clyde Milk-Flo 16                          | 10.85         | 16.00                               | 16.25 |
| 6054                                       | Clyde R.S. 10                              | 13.34         | 10.00                               | 10.25 |
| 6483                                       | Clyde Super Egg Mash                       | 11.04         | 21.00                               | 21.25 |
| 6056                                       | Clyde Test Cow 16                          | 12.10         | 16.00                               | 18.88 |
| 6010                                       | Clyde Test Cow 18                          | 11.25         | 18.00                               | 19.50 |
| 7438                                       | Clyde Test Cow 20                          | 10.96         | 20.00                               | 20.50 |
| 6491                                       | Corn Gluten Feed                           | 11.24         | 21.00                               | 21.25 |
| 6051                                       | Hominy Feed                                | 13.63         | 11.00                               | 11.38 |
| 6488                                       | Linseed Oil Meal (Sol. Ext.)               | 11.66         | 34.00                               | 34.00 |
| 6489                                       | Soybean Oil Meal (Sol. Ext.)               | 11.62         | 44.00                               | 45.88 |
| 6053                                       | Wheat Bran                                 | 13.28         | 15.00                               | 16.75 |
| 7337                                       | Warren's Dairy Fitting Ration              | 11.52         | 12.00                               | 16.25 |
| 7338                                       | Warren's 16 Dairy Ration                   | 11.06         | 16.00                               | 16.50 |
| COMMERCIAL SOLVENTS CORP., Peoria, Ill.    |  |               |                                     |       |
| 6256                                       | Corn Distillers Dried Solubles with Grains | 7.13          | 26.00                               | 26.00 |
| COMMUNITY SERVICE, INC., Canaan, Conn.     |  |               |                                     |       |
| 6455                                       | Community Service 16% Dairy                | 11.35         | 16.00                               | 16.38 |
| 6462                                       | Community Service 18% Dairy                | 11.36         | 18.00                               | 18.00 |
| 6463                                       | Community Service Fitting Ration           | 10.81         | 14.00                               | 16.88 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |             | Medicant                               |
|-------------------------------------|-------------|-------------------------------------|-------------|----------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |                                        |
| 1.00                                | 3.06        | 9.00                                | 8.65        |                                        |
| 2.50                                | 2.16        | 11.00                               | 8.74        |                                        |
| 3.50                                | <u>3.11</u> | 9.50                                | 7.38        |                                        |
| 3.00                                | 3.84        | 5.00                                | <u>6.76</u> |                                        |
| 3.00                                | 3.38        | 12.00                               | <u>9.88</u> |                                        |
| 3.00                                | 4.27        | 8.00                                | 7.29        |                                        |
| 3.00                                | 3.51        | 8.50                                | 7.19        |                                        |
| 3.00                                | 3.71        | 7.00                                | 5.39        |                                        |
| 4.00                                | 5.15        | 4.50                                | <u>5.36</u> |                                        |
| 4.00                                | 4.34        | 4.50                                | 4.86        |                                        |
| 2.50                                | 3.38        | 10.00                               | 6.06        |                                        |
| 4.00                                | 4.19        | 8.00                                | 6.34        |                                        |
| 3.00                                | 3.02        | 6.00                                | 5.71        |                                        |
| 3.00                                | <u>2.70</u> | 9.00                                | 8.09        |                                        |
| 2.50                                | <u>2.53</u> | 24.00                               | 19.69       | DDT not guaranteed: found,<br>6.8 ppm. |
| 4.00                                | 4.98        | 5.00                                | 5.15        |                                        |
| 3.50                                | 3.78        | 8.50                                | 7.69        |                                        |
| 3.50                                | 3.76        | 8.50                                | 7.79        |                                        |
| 3.50                                | 3.59        | 8.50                                | 8.12        |                                        |
| 1.00                                | 2.49        | 10.00                               | 6.23        |                                        |
| 5.00                                | 5.43        | 6.00                                | 3.48        |                                        |
| 0.50                                | 2.12        | 9.00                                | 8.29        |                                        |
| 0.50                                | 1.54        | 7.00                                | 6.02        |                                        |
| 3.50                                | 4.31        | 10.00                               | 10.19       |                                        |
| 3.00                                | 3.19        | 10.00                               | 10.32       |                                        |
| 3.00                                | 2.84        | 11.00                               | 10.53       |                                        |
| 7.00                                | 7.38        | 10.00                               | 8.88        |                                        |
| 3.50                                | 3.34        | 10.00                               | 6.31        |                                        |
| 4.00                                | 4.43        | 10.00                               | 6.18        |                                        |
| 3.50                                | 4.25        | 9.00                                | 6.09        |                                        |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                 | Manufacturer and brand                                      | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|---------------------------------------------|-------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                             |                                                             |               | Guaran-<br>teed not<br>less<br>than | Found |
| CONNECTICUT BI-PRODUCTS, Columbia, Conn.    |                                                             |               |                                     |       |
| 7425                                        | Hydrolyzed Poultry Feathers                                 | 6.05          | 85.00                               | 89.25 |
| 7426                                        | Poultry By-Product Meal                                     | 2.59          | 55.00                               | 59.75 |
| CONSOLIDATED BLENDERS, INC., Fremont, Nebr. |                                                             |               |                                     |       |
| 6923                                        | 17% Dehydrated Alfalfa Pellets                              | 7.62          | 17.00                               | 17.13 |
| CONSOLIDATED RENDERING CO., Boston, Mass.   |                                                             |               |                                     |       |
| 5928                                        | Corenco Feeding Bone Meal                                   | 4.60          | 10.00                               | 18.75 |
| 7379                                        | Corenco Fish Meal                                           | 7.86          | 60.00                               | 68.63 |
| 5927                                        | Corenco 47% Meat & Bone Scrap                               | 9.31          | 47.00                               | 48.00 |
| 4746                                        | Corenco 50% Meat & Bone Scrap                               | 7.27          | 50.00                               | 50.25 |
| CORN PRODUCTS REFINING CO., New York, N. Y. |                                                             |               |                                     |       |
| 5902                                        | Buffalo Brand 21% Protein Corn<br>Gluten Feed               | 11.11         | 21.00                               | 23.13 |
| 7292                                        | Diamond Brand Corn Gluten Meal                              | 10.04         | 41.00                               | 41.38 |
| C. A. COWLES, INC., Plantsville, Conn.      |                                                             |               |                                     |       |
| 6444                                        | Blue C Feed 14% Dairy Ration                                | 10.04         | 14.00                               | 17.25 |
| 6443                                        | Blue C Feed 16% Dairy Ration                                | 11.48         | 16.00                               | 16.00 |
| 6179                                        | Blue C Feed 20% Dairy Ration                                | 12.26         | 20.00                               | 20.00 |
| 7463                                        | Blue C Feed Growing Mash                                    | 10.92         | 20.00                               | 20.25 |
| 6367                                        | Blue C Feed Hog & Pig Feed                                  | 11.41         | 16.00                               | 17.75 |
| 6180                                        | Blue C Feed Horse Feed with<br>Molasses                     | 12.18         | 10.00                               | 11.38 |
| 6181                                        | Blue C Feed Laying Mash                                     | 10.36         | 20.00                               | 20.25 |
| 6434                                        | Blue C Feed Rabbit Pellets                                  | 9.77          | 15.00                               | 17.38 |
| 5988                                        | Blue C Feed Special Starter &<br>Broiler with Nitrofurazone | 11.91         | 21.00                               | 20.38 |
| 6178                                        | Blue C Feed Starting Mash                                   | 10.62         | 20.00                               | 22.50 |
| 6366                                        | Blue C Feed Super 16% Dairy                                 | 10.36         | 16.00                               | 19.00 |
| 6945                                        | Red C Feed Fitting Ration                                   | 9.89          | 14.00                               | 16.75 |
| 6944                                        | Red C Feed Laying Mash                                      | 10.02         | 16.00                               | 21.25 |
| P. CUTLER, INC., Colchester, Conn.          |                                                             |               |                                     |       |
| 5941                                        | Prosperity Calf & Beef Ration                               | 13.31         | 10.00                               | 12.00 |
| 5932                                        | Prosperity Dairy Ration                                     | 13.47         | 16.00                               | 16.38 |
| 6406                                        | Prosperity Laying Mash                                      | 11.31         | 17.00                               | 18.88 |
| 7383                                        | Prosperity Pig Feed                                         | 11.04         | 10.00                               | 12.63 |
| 7384                                        | Prosperity Sweet Beetrus Mix                                | 12.57         | 12.00                               | 12.00 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant   |
|-------------------------------------|-------------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |  |
| 0.50                                | 4.24        | 1.50                                | 0.64  |  |
| 8.00                                | 15.04       | 3.00                                | 0.89  |  |
| 1.50                                | 2.75        | 27.00                               | 26.58 |  |
| - -                                 | - -         | 2.00                                | 0.10  |  |
| 5.00                                | 5.31        | - -                                 | - -   |  |
| 6.00                                | 6.84        | 2.00                                | 1.56  |  |
| 6.00                                | 10.56       | - -                                 | - -   |  |
| 1.00                                | 1.74        | 10.00                               | 8.46  |  |
| 1.00                                | 2.19        | 6.00                                | 4.89  |  |
| 3.50                                | 3.80        | 9.00                                | 8.22  |  |
| 3.50                                | 4.88        | 9.00                                | 7.56  |  |
| 3.00                                | 4.49        | 10.00                               | 9.25  |  |
| 3.00                                | 2.84        | 5.00                                | 5.53  |  |
| 3.00                                | 4.54        | 8.00                                | 4.75  |  |
| 3.00                                | 3.48        | 10.00                               | 5.65  |  |
| 3.00                                | 3.34        | 5.00                                | 3.93  |  |
| 3.00                                | 3.76        | 15.00                               | 11.00 |  |
| 4.00                                | 3.60        | 4.00                                | 3.21  | Nitrofurazone:Guar., 0.0055%;<br>found, 0.0062%. |
| 3.00                                | <u>4.67</u> | 6.00                                | 4.23  |  |
| 3.50                                | 3.72        | 7.50                                | 6.95  |  |
| 3.00                                | 4.21        | 11.00                               | 8.11  |  |
| 3.00                                | 3.33        | 8.50                                | 5.24  |  |
| 3.00                                | 3.04        | 9.00                                | 4.31  |  |
| 3.00                                | 3.39        | 10.00                               | 7.14  |  |
| 3.50                                | 3.84        | 10.00                               | 6.40  |  |
| 3.00                                | 3.44        | 12.00                               | 5.56  |  |
| 2.50                                | <u>1.89</u> | 15.00                               | 11.05 |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                  | Manufacturer and Brand                             | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|--|---------------|-------------------------------------|-------|
|  |  |               | Guaran-<br>teed not<br>less<br>than | Found |
| DCA FOOD INDUSTRIES INC., Ellicott City, Md. |  |               |                                     |       |
| 7375   | Domaco Pure Winter Wheat Bran                      | 11.86         | 13.50                               | 14.25 |
| 6254   | Domaco Winter Wheat Standard<br>Middlings          | 8.87          | 14.50                               | 14.88 |
| R. G. DAVIS & SONS, New Haven, Conn.         |  |               |                                     |       |
| 5901   | Davis 16% Dairy Ration                             | 12.41         | 16.00                               | 18.13 |
| 5900   | Davis 14% Fitting                                  | 12.84         | 14.00                               | 16.25 |
| DAWE'S LABORATORIES, INC., Chicago, Ill.     |  |               |                                     |       |
| 6245   | Dawe's Fermentation Flavonne                       | 10.06         | 30.00                               | 36.75 |
| 5944   | Dawe's Vitamelk                                    | 11.87         | 34.00                               | 37.25 |
| 6248   | Dawe's Vitamelk                                    | 11.26         | 34.00                               | 36.00 |
| 7277   | New England Broiler Base Premix<br>No. 2 Medicated |               |                                     |       |
| DAWNWOOD FARMS, Amenia, N. Y.                |  |               |                                     |       |
| 6921   | Dawnwood Farms Caf-Star                            | 7.87          | 26.00                               | 27.13 |
| DAYVILLE GRAIN & FEED CO., Dayville, Conn.   |  |               |                                     |       |
| 5786   | Dayville High Calorie Broiler<br>Medicated         | 13.11         | 25.00                               | 25.25 |
| 5787   | Dayville High Energy Broiler<br>Medicated          | 11.59         | 22.00                               | 24.75 |
| 6184   | Dayville High Energy Grower<br>Layer Crumbles      | 10.32         | 16.00                               | 18.00 |
| DECATUR MILLING CO. INC., Decatur, Ill.      |  |               |                                     |       |
| 7201   | Homco Hominy Feed                                  | 10.77         | 9.00                                | 10.25 |
| DELAWARE MILLING CO., INC., Deposit, N. Y.   |  |               |                                     |       |
| 6400   | Delaware Broiler-Finisher                          | 9.81          | 20.00                               | 20.25 |
| 5931   | Delaware Fitting Ration                            | 12.22         | 14.00                               | 17.38 |
| 6402   | Delaware Horse Feed                                | 12.01         | 12.00                               | 11.38 |
| 7343   | Delaware Poultry Fitting Ration                    | 13.19         | 10.00                               | 10.50 |
| 7341   | Delaware Scratch Grains                            | 13.31         | 9.00                                | 9.38  |

~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant                                                                                                        |
|-------------------------------------|-------|-------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                 |
| 3.25                                | 3.31  | 9.50                                | 8.25  |                                                                                                                 |
| 4.25                                | 4.38  | 7.50                                | 7.35  |                                                                                                                 |
| 3.50                                | 3.43  | 8.00                                | 6.82  |                                                                                                                 |
| 3.50                                | 3.49  | 8.50                                | 6.91  |                                                                                                                 |
| 3.00                                | 2.90  | 9.50                                | 7.05  |                                                                                                                 |
| 1.00                                | 1.50  | 8.00                                | 5.71  |                                                                                                                 |
| 1.00                                | 2.56  | 8.00                                | 6.25  |                                                                                                                 |
|                                     |       |                                     |       | Arsanilic acid: Guar., 0.39%;<br>found, 0.34%.                                                                  |
| 3.00                                | 3.23  | 2.50                                | 1.53  |                                                                                                                 |
| 8.00                                | 8.46  | 3.00                                | 2.64  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0126%. Sodium<br>Arsanilate: Guar., 0.0088%;<br>found; <u>0.0066%</u> . |
| 5.50                                | 6.94  | 3.50                                | 2.50  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0142%. Sodium<br>Arsanilate: Guar., 0.0088%;<br>found, 0.0090%.         |
| 3.50                                | 3.53  | 4.50                                | 4.08  |                                                                                                                 |
| 5.00                                | 7.19  | 6.00                                | 4.45  |                                                                                                                 |
| 5.50                                | 7.00  | 3.50                                | 3.40  |                                                                                                                 |
| 3.00                                | 3.76  | 11.00                               | 8.61  |                                                                                                                 |
| 3.00                                | 3.03  | 10.00                               | 6.03  |                                                                                                                 |
| 2.50                                | 2.71  | 7.00                                | 5.16  |                                                                                                                 |
| 2.00                                | 2.03  | 5.00                                | 2.13  |                                                                                                                 |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                                        | Manufacturer and brand                            | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--------------------------------------------------------------------|---------------------------------------------------|---------------|-------------------------------------|-------|
|                                                                    |                                                   |               | Guaran-<br>teed not<br>less<br>than | Found |
| 6398                                                               | Delaware Sweet 16% Dairy Feed                     | 10.66         | 16.00                               | 17.38 |
| 7345                                                               | Delaware Sweet 16% Dairy Feed                     | 11.35         | 16.00                               | 16.75 |
| 6355                                                               | Warren's C&C Complete Growing Mash                | 10.63         | 15.00                               | 17.25 |
| 6350                                                               | Warren's C&C Complete Laying Mash                 | 10.97         | 15.00                               | 17.50 |
| 6345                                                               | Warren's C&C Laying Mash                          | 11.49         | 20.00                               | 20.75 |
| 6352                                                               | Warren's Chick Starter                            | 11.06         | 20.00                               | 21.25 |
| 6356                                                               | Warren's Fitting Ration                           | 11.34         | 14.00                               | 16.50 |
| 7340                                                               | Warren's Indian 16% Dairy                         | 11.39         | 16.00                               | 17.88 |
| THE DELPHOS GRAIN & SOYA PRODUCTS CO.,<br>Delphos, Ohio            |                                                   |               |                                     |       |
| 7386                                                               | 44% Protein Soybean Oil Meal<br>Solvent Extracted | 12.71         | 44.00                               | 46.13 |
| DERBY FEED STORE, Derby, Conn.                                     |                                                   |               |                                     |       |
| 7215                                                               | Litsky's Hi-Energy All Mash<br>Grower             | 10.28         | 16.00                               | 16.13 |
| 6079                                                               | Litsky's Hi-Energy All Mash<br>Layer              | 12.49         | 16.00                               | 18.00 |
| 6066                                                               | Litsky's Hi-Energy Layer                          | 12.56         | 20.00                               | 21.75 |
| 4870                                                               | Litsky's Hi-Energy Starter-Broiler<br>Medicated   | 12.52         | 20.00                               | 21.38 |
| 7209                                                               | Litsky's Sweet 16% Dairy Ration                   | 12.59         | 16.00                               | 17.75 |
| EASTERN STATES FARMERS' EXCHANGE, INC.,<br>West Springfield, Mass. |                                                   |               |                                     |       |
| 7188                                                               | Alfapels                                          | 7.70          | 15.00                               | 15.00 |
| 7265                                                               | All-Mash Breeder Medicated                        | 10.68         | 16.00                               | 17.75 |
| 7191                                                               | Appiweh                                           | 41.04         | 9.00                                | 9.50  |
| 7507                                                               | Beefmix with Diethylstilbestrol                   | 10.51         | 32.00                               | 34.63 |
| 7259                                                               | Breeder Mash Medicated                            | 10.97         | 22.00                               | 22.75 |
| 7083                                                               | Broiler Starter Medicated                         | 10.97         | 24.00                               | 25.50 |
| 5979                                                               | Calf Starter                                      | 11.34         | 20.00                               | 21.00 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |              | Medicant   |
|-------------------------------------|-------------|-------------------------------------|--------------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found        |  |
| 3.50                                | 3.71        | 10.00                               | 7.43         |  |
| 3.50                                | 3.39        | 10.00                               | 7.07         |  |
| 3.00                                | 5.65        | 6.00                                | 6.23         |  |
| 3.00                                | 5.32        | 6.00                                | 6.58         |  |
| 3.00                                | 4.29        | 7.50                                | 7.18         |  |
| 3.00                                | 5.31        | 5.00                                | <u>6.00</u>  |  |
| 3.00                                | 3.63        | 11.00                               | 7.85         |  |
| 3.00                                | 3.24        | 11.00                               | 9.61         |  |
| 0.50                                | 0.53        | 7.00                                | 6.09         |  |
| 3.50                                | 3.59        | 4.00                                | 4.02         |  |
| 3.50                                | 4.07        | 4.00                                | 4.01         |  |
| 3.25                                | 3.93        | 4.50                                | 4.07         |  |
| 3.50                                | 3.56        | 4.00                                | 3.80         | Sulfaquinoxaline: Guar., 0.0175%;<br>found, 0.0190%.   |
| 3.00                                | <u>2.54</u> | 10.00                               | <u>11.45</u> |  |
| 1.50                                | 2.48        | 30.00                               | 25.62        |  |
| 4.00                                | 4.21        | 4.00                                | 3.24         | Arsanilic acid: Guar., 0.0099%;<br>found, <u>0.0128%</u> .   |
| 0.50                                | 0.91        | - -                                 | - -          |  |
| 1.50                                | 3.08        | 12.00                               | 9.34         | Diethylstilbestrol: Guar.,<br>0.0011%; not determined.   |
| 5.00                                | 5.08        | 5.00                                | 3.60         | Arsanilic acid: Guar., 0.0132%;<br>found, 0.0108%.   |
| 8.00                                | 7.83        | 4.00                                | 3.36         | Nicarbazin: Guar., 0.0125%;<br>found, <u>0.0184%</u> . Arsanilic<br>acid: Guar., 0.0099%; found,<br>0.0115%. |
| 3.00                                | 3.98        | 6.00                                | 4.66         |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand      | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------|-----------------------------|---------------|-------------------------------------|-------|
|             |                             |               | Guaran-<br>teed not<br>less<br>than | Found |
| 6883        | Calving Ration              | 11.86         | 13.00                               | 15.38 |
| 5789        | Cashmaker Medicated         | 13.99         | 16.00                               | 18.38 |
| 4864        | Cashmaker-WM Medicated      | 12.62         | 16.00                               | 17.06 |
| 4664        | Champion                    | 12.16         | 14.00                               | 13.75 |
| 7260        | Choicemaker Medicated       | 11.22         | 16.00                               | 17.13 |
| 6065        | Class Leader                | 11.76         | 14.00                               | 16.25 |
| 6882        | Darimore                    | 8.11          | 16.00                               | 20.63 |
| 7189        | Dairypels 16                | 9.92          | 16.00                               | 18.00 |
| 7190        | Dairypels 20                | 10.90         | 20.00                               | 21.75 |
| 5710        | Finisher Medicated          | 12.79         | 17.00                               | 18.13 |
| 6885        | Fulpail                     | 10.68         | 20.00                               | 22.00 |
| 7263        | Goalmaker Medicated         | 10.68         | 16.00                               | 17.63 |
| 7278        | Lay Mix Medicated           | 8.61          | 36.00                               | 36.63 |
| 5808        | Matchmaker Medicated        | 11.23         | 22.00                               | 22.75 |
| 5993        | Medicated Broiler Starter   | 10.89         | 24.00                               | 25.50 |
| 7498        | Medicated Defender          | 10.26         | 20.00                               | 22.50 |
| 7282        | Medicated Lacto Life        | 12.19         | 16.00                               | 16.38 |
| 7138        | Medicated Minuteman         | 11.79         | 20.00                               | 21.88 |
| 7041        | Medicated Minuteman SQ      | 11.35         | 20.00                               | 21.25 |
| 7506        | Medicated Turkey Finisher F | 11.86         | 16.00                               | 17.88 |
| 5986        | Medicated Turkey Starter F  | 12.11         | 28.00                               | 30.00 |
| 5978        | Milkmoré                    | 8.79          | 16.00                               | 17.38 |
| 6881        | Milksaver                   | 7.39          | 24.00                               | 25.13 |
| 5788        | Pig Primer Medicated        | 13.69         | 16.00                               | 17.00 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant                                                                                                     |
|-------------------------------------|-------------|-------------------------------------|-------|--------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                              |
| 1.50                                | 2.79        | 12.00                               | 10.11 |                                                                                                              |
| 4.00                                | 4.71        | 4.00                                | 3.44  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0091%.                                                           |
| 4.00                                | 4.96        | 4.00                                | 3.13  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0095%. Sulfaquinoxa-<br>line: Guar., 0.0125%; found,<br>0.0100%. |
| 2.50                                | 4.11        | 7.00                                | 5.60  |                                                                                                              |
| 3.50                                | 4.34        | 5.50                                | 4.80  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0110%.                                                           |
| 3.50                                | 3.98        | 8.00                                | 6.18  |                                                                                                              |
| 2.00                                | 3.79        | 12.00                               | 9.33  |                                                                                                              |
| 3.50                                | 4.66        | 9.00                                | 7.25  |                                                                                                              |
| 3.50                                | 3.59        | 9.00                                | 6.65  |                                                                                                              |
| 5.00                                | 5.84        | 4.00                                | 3.31  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0111%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0148%.            |
| 3.00                                | 3.11        | 8.00                                | 6.69  |                                                                                                              |
| 4.00                                | <u>3.68</u> | 4.00                                | 2.60  | Arsanilic acid: Guar., 0.0099%;<br>found, <u>0.0475%</u> .                                                   |
| 2.00                                | 2.39        | 6.50                                | 5.40  | Arsanilic acid: Guar., 0.0396%;<br>found, 0.0350%.                                                           |
| 4.50                                | 4.94        | 5.00                                | 3.86  | Arsanilic acid: Guar., 0.0132%;<br>found, 0.0148%.                                                           |
| 8.00                                | 7.79        | 4.00                                | 2.81  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0095%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0150%.            |
| 4.00                                | 4.04        | 5.00                                | 3.87  | Furazolidone: Guar., 0.0165%;<br>found, 0.0155%.                                                             |
| 2.50                                | 2.64        | 8.00                                | 5.54  | Lactic acid: Guar., 2.9%;<br>not determined.                                                                 |
| 4.00                                | 4.39        | 4.50                                | 3.13  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0140%.                                                               |
| 4.00                                | 4.38        | 4.50                                | 3.16  | Sulfaquinoxaline: Guar., 0.05%;<br>found, 0.0415%.                                                           |
| 3.00                                | 3.14        | 4.00                                | 3.10  | Furazolidone: Guar., 0.011%;<br>found, 0.011%.                                                               |
| 3.00                                | 3.50        | 5.00                                | 3.41  | Furazolidone: Guar., 0.011%;<br>found, 0.0128%.                                                              |
| 3.50                                | 4.44        | 8.00                                | 6.81  |                                                                                                              |
| 1.00                                | 1.96        | 1.50                                | 0.88  |                                                                                                              |
| 3.00                                | 3.88        | 5.50                                | 4.24  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0073%.<br><u>~~~~~</u>                                           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                             | Manufacturer and brand                                                | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|-----------------------------------------|-----------------------------------------------------------------------|---------------|-------------------------------------|--------------|
|                                         |                                                                       |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 4666                                    | Pork Builder                                                          | 11.27         | 14.00                               | 15.50        |
| 7266                                    | Medicated Pork Primer                                                 | 10.23         | 18.00                               | 20.50        |
| 7090                                    | Pacemaker Medicated                                                   | 11.96         | 20.00                               | 21.63        |
| 7499                                    | Poultry Wormer                                                        | 10.96         | 16.00                               | 17.13        |
| 6655                                    | Rabbettes                                                             | 8.13          | 18.00                               | 19.63        |
| 6652                                    | Supmix                                                                | 11.33         | 36.00                               | 39.25        |
| 6654                                    | Sweepstakes                                                           | 10.40         | 16.00                               | 17.00        |
| 4665                                    | Turkey Breeder                                                        | 10.82         | 16.00                               | 16.44        |
| 7170                                    | Turkey Finisher                                                       | 12.01         | 16.00                               | 17.88        |
| 6656                                    | Turkey Grower                                                         | 9.76          | 20.00                               | 22.00        |
| 7033                                    | Turkey Starter Medicated                                              | 10.99         | 28.00                               | 29.25        |
| ECKHART MILLING CO., Chicago, Ill.      |                                                                       |               |                                     |              |
| 7167                                    | Standard Wheat Middlings with<br>Ground Recleaned Wheat<br>Screenings | 11.47         | 15.00                               | 15.88        |
| EINHORN GRAIN CO., Colchester, Conn.    |                                                                       |               |                                     |              |
| 7084                                    | E-B Broiler Medicated                                                 | 10.36         | 22.50                               | 22.88        |
| ELMORE MILLING CO. INC., Oneonta, N. Y. |                                                                       |               |                                     |              |
| 7075                                    | Elmore Breeder Mash (1A)<br>Medicated                                 | 12.00         | 20.00                               | 20.88        |
| 7049                                    | Elmore Bull Feed                                                      | 13.16         | 13.00                               | 14.13        |
| 7417                                    | Elmore Calf Grain Ration                                              | 12.97         | 13.00                               | 13.00        |
| 6337                                    | Elmore Complete Market Egg<br>Mash                                    | 12.06         | 16.00                               | 18.25        |
| 7416                                    | Elmore Complete Rabbit Ration                                         | 10.52         | 16.00                               | 19.63        |
| 7079                                    | Elmore Complete Turkey Breeder<br>Ration (1A) Medicated               | 11.96         | 16.00                               | 19.50        |
| 7280                                    | Elmore Complete Turkey Growing<br>Mash (1H) Medicated                 | 11.10         | 17.00                               | <u>15.38</u> |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant  |
|-------------------------------------|-------|-------------------------------------|-------|---|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |   |
| 3.00                                | 3.76  | 4.00                                | 3.13  |   |
| 4.50                                | 4.53  | 4.50                                | 3.47  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0134%.  |
| 5.00                                | 5.16  | 4.50                                | 3.69  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0118%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0104%. |
| 4.00                                | 4.54  | 4.00                                | 2.96  | Phenothiazine: Guar., 0.72%;<br>found, 0.675%. Piperazine:<br>Guar., 0.125%; not determined.      |
| 2.00                                | 3.33  | 16.00                               | 12.69 |   |
| 1.50                                | 2.24  | 8.00                                | 6.27  |   |
| 3.00                                | 3.78  | 8.00                                | 5.86  |   |
| 3.00                                | 4.28  | 4.50                                | 3.60  |   |
| 3.00                                | 3.39  | 4.00                                | 3.17  |   |
| 3.00                                | 3.58  | 5.00                                | 3.63  |   |
| 3.00                                | 3.41  | 5.00                                | 3.02  | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0162%.  |
| 4.00                                | 4.04  | 9.50                                | 5.85  |   |
| 6.00                                | 6.15  | 3.50                                | 2.79  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0101%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0132%.   |
| 4.00                                | 4.14  | 6.00                                | 4.56  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0042%.                       |
| 3.00                                | 3.07  | 9.00                                | 5.52  |   |
| 2.50                                | 2.50  | 9.00                                | 5.12  |   |
| 4.00                                | 4.11  | 5.00                                | 3.78  |   |
| 2.50                                | 3.29  | 10.00                               | 6.85  |   |
| 3.50                                | 3.37  | 6.00                                | 4.81  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.004%.                        |
| 3.50                                | 4.08  | 5.00                                | 4.81  | 4-Nitrophenylarsonic acid:<br>Guar., 0.025%; found, 0.0262%.                                      |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                             | Manufacturer and brand                      | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|---|---|---------------|-------------------------------------|--------------|
|   |   |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 6336                                    | Elmore Dry & Freshening Ration              | 12.64         | 12.00                               | 13.88        |
| 6376                                    | Elmore Fitting Ration 14%                   | 10.38         | 14.00                               | 22.25        |
| 6338                                    | Elmore Flaked Pelleted Calf<br>Starter      | 12.09         | 18.00                               | <u>15.75</u> |
| 7036                                    | Elmore Game Bird Grower (1A)<br>Medicated   | 11.80         | 20.00                               | <u>17.38</u> |
| 7080                                    | Elmore Game Bird Grower (1A)<br>Medicated   | 12.01         | 20.00                               | 21.50        |
| 6339                                    | Elmore Grand Champion Ration                | 12.51         | 15.00                               | 15.50        |
| 6364                                    | Elmore Hog Ration                           | 11.39         | 15.00                               | 15.50        |
| 6375                                    | Elmore Horse Feed                           | 11.34         | 9.00                                | 11.25        |
| 6335                                    | Elmore Milk Grains "Sixteen"                | 12.12         | 16.00                               | 17.25        |
| 6374                                    | Elmore Milk Grains "Sixteen"                | 9.64          | 16.00                               | 18.63        |
| 6377                                    | Elmore Pacemaker 16% Dairy<br>Ration        | 10.26         | 16.00                               | 22.00        |
| 7162                                    | Elmore Pacemaker Fitting Ration<br>14%      | 11.62         | 14.00                               | 22.25        |
| 7419                                    | Elmore Poultry & Turkey Fitting<br>Ration   | 12.84         | 12.00                               | 12.38        |
| 6340                                    | Elmore Silosweet                            | 10.71         | 4.50                                | 5.00         |
| 7054                                    | Elmore Super Silage                         | 13.71         | 11.00                               | 11.00        |
| 6334                                    | Elmore Test Ration 16%                      | 12.19         | 16.00                               | 17.75        |
| 7415                                    | Elmore Test Ration 18%                      | 12.24         | 18.00                               | 19.75        |
| 6365                                    | Elmore Turkey Finisher (Fattener)           | 10.91         | 16.00                               | 19.63        |
| JOHN W. ESHELMAN & SONS, Lancaster, Pa. |   |               |                                     |              |
| 4596                                    | Lancaster 16 Dairy Feed                     | 10.14         | 16.00                               | 19.13        |
| 6942                                    | Lancaster 20 Dairy Feed                     | 9.76          | 20.00                               | 24.38        |
| 5898                                    | Lancaster Scratch Grains                    | 12.31         | 9.00                                | 11.00        |
| 6940                                    | Pennsy Complete Laying Ration               | 9.79          | 16.00                               | 19.00        |
| 5967                                    | Pennsy 16 Dairy Feed                        | 12.66         | 16.00                               | 19.75        |
| 6332                                    | Pennsy Laying Mash                          | 11.83         | 20.00                               | 22.38        |
| 7176                                    | Red Rose Breeder Mash                       | 11.02         | 20.00                               | 20.88        |
| 7175                                    | Red Rose Calf Starter                       | 11.44         | 18.00                               | 21.25        |
| 6333                                    | Red Rose Chick Grains                       | 13.06         | 9.00                                | 10.63        |
| 5711                                    | Red Rose Chick Starter (110-A)<br>Medicated | 13.30         | 22.00                               | 23.00        |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant                                                                                                                                              |
|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                                                       |
| 3.50                                | 4.53  | 9.00                                | 6.85  |                                                                                                                                                       |
| 3.50                                | 4.24  | 8.00                                | 5.48  |                                                                                                                                                       |
| 2.50                                | 4.32  | 8.00                                | 5.73  |                                                                                                                                                       |
| 3.00                                | 4.50  | 8.00                                | 3.46  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, <u>0.0008</u> %. Sulfaquinox-<br>aline: Guar., 0.0175%;<br>found, <u>0.0098</u> %. |
| 3.00                                | 3.01  | 8.00                                | 4.71  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, <u>0.0028</u> %. Furazolidone:<br>Guar., <u>0.011</u> %; found, 0.0100%.           |
| 3.50                                | 4.04  | 9.00                                | 5.43  |                                                                                                                                                       |
| 3.50                                | 4.46  | 8.00                                | 5.18  |                                                                                                                                                       |
| 3.00                                | 3.19  | 11.00                               | 4.18  |                                                                                                                                                       |
| 3.50                                | 4.31  | 9.00                                | 8.88  |                                                                                                                                                       |
| 3.50                                | 5.32  | 9.00                                | 7.80  |                                                                                                                                                       |
| 3.00                                | 4.79  | 10.00                               | 6.73  |                                                                                                                                                       |
| 3.00                                | 3.07  | 9.00                                | 7.00  |                                                                                                                                                       |
| 3.00                                | 2.91  | 8.00                                | 5.08  |                                                                                                                                                       |
| 1.50                                | 1.89  | 20.00                               | 19.45 |                                                                                                                                                       |
| 2.00                                | 2.09  | 18.00                               | 13.16 |                                                                                                                                                       |
| 4.00                                | 5.25  | 9.00                                | 6.85  |                                                                                                                                                       |
| 4.00                                | 3.98  | 9.00                                | 7.36  |                                                                                                                                                       |
| 4.00                                | 4.58  | 5.00                                | 3.48  |                                                                                                                                                       |
| 2.50                                | 2.81  | 15.00                               | 10.40 |                                                                                                                                                       |
| 2.50                                | 4.06  | 12.50                               | 11.44 |                                                                                                                                                       |
| 2.00                                | 3.36  | 4.00                                | 2.78  |                                                                                                                                                       |
| 3.50                                | 3.85  | 7.00                                | 6.01  |                                                                                                                                                       |
| 2.50                                | 3.69  | 15.00                               | 9.46  |                                                                                                                                                       |
| 3.50                                | 5.16  | 7.50                                | 5.95  |                                                                                                                                                       |
| 4.00                                | 3.89  | 5.00                                | 4.45  |                                                                                                                                                       |
| 3.00                                | 3.31  | 8.00                                | 7.57  |                                                                                                                                                       |
| 2.00                                | 2.29  | 3.00                                | 2.13  |                                                                                                                                                       |
| 4.00                                | 4.34  | 4.50                                | 3.59  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, <u>0.0043</u> %. Nicarbazin:<br>Guar., 0.0125%; found, <u>0.0055</u> %.            |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                | Manufacturer and brand                                                                   | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--------------------------------------------|------------------------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                            |                                                                                          |               | Guaran-<br>teed not<br>less<br>than | Found |
| 6693                                       | Red Rose Complete Growing Ration                                                         | 10.14         | 16.00                               | 21.50 |
| 5712                                       | Red Rose Complete Growing Ration<br>Medicated (113-A)                                    | 12.80         | 16.00                               | 18.00 |
| 4598                                       | Red Rose Complete Laying Ration                                                          | 11.65         | 16.00                               | 17.50 |
| 6691                                       | Red Rose 16 Dairy Feed                                                                   | 9.13          | 16.00                               | 17.00 |
| 4630                                       | Red Rose 18 Dairy Feed                                                                   | 9.84          | 18.00                               | 20.25 |
| 7174                                       | Red Rose 20 Dairy Feed                                                                   | 12.09         | 20.00                               | 23.00 |
| 5899                                       | Red Rose Fattening Mash                                                                  | 11.48         | 14.00                               | 15.50 |
| 4632                                       | Red Rose Fitting Ration                                                                  | 10.10         | 12.00                               | 14.31 |
| 6617                                       | Red Rose Growing Mash                                                                    | 10.44         | 20.00                               | 20.63 |
| 4599                                       | Red Rose Hog Meal                                                                        | 10.57         | 16.00                               | 18.75 |
| 4631                                       | Red Rose Horse Feed                                                                      | 11.06         | 9.00                                | 9.56  |
| 6331                                       | Red Rose Intermediate Chick<br>Grains                                                    | 12.66         | 9.00                                | 11.25 |
| 4629                                       | Red Rose Laying Mash                                                                     | 10.70         | 20.00                               | 21.88 |
| 6932                                       | Red Rose Medicated T-C Feed                                                              | 9.47          | 25.00                               | 28.38 |
| 6941                                       | Red Rose Pigeon Feed                                                                     | 11.81         | 12.00                               | 15.13 |
| 4723                                       | Red Rose Rabbit Pellets                                                                  | 10.84         | 18.00                               | 18.19 |
| 4869                                       | Red Rose Rabbit Pellets (710-A)<br>Medicated                                             | 11.18         | 18.00                               | 20.13 |
| 5981                                       | Red Rose Scratch Grains                                                                  | 12.94         | 9.00                                | 9.88  |
| 6692                                       | Red Rose 14 Test Cow Feed                                                                | 9.51          | 14.00                               | 18.25 |
| 7186                                       | S-O-S                                                                                    | 11.16         | 11.00                               | 14.25 |
| EVANS MILLING CO. INC., Indianapolis, Ind. |                                                                                          |               |                                     |       |
| 6378                                       | Emco Hominy Feed                                                                         | 11.90         | 10.00                               | 16.75 |
| FARM BUREAU ASSOCIATION, Waltham, Mass.    |                                                                                          |               |                                     |       |
| 5951                                       | Farm Bureau Complete Market<br>Egg Mash                                                  | 12.39         | 16.00                               | 16.50 |
| 5955                                       | Farm Bureau 16% Dairy Ration                                                             | 13.27         | 16.00                               | 16.88 |
| 6950                                       | Farm Bureau Market Egg Mash                                                              | 9.61          | 20.00                               | 22.38 |
| 5952                                       | Farm Bureau 14% Milking Ration                                                           | 12.66         | 14.00                               | 14.38 |
| 5954                                       | Farm Bureau Rabbit Food Pellets                                                          | 10.36         | 18.00                               | 19.25 |
| FARMERS FEED CO., Brooklyn, N. Y.          |                                                                                          |               |                                     |       |
| 6381                                       | "Bull Brand" Brewers Dried<br>Grains                                                     | 8.08          | 26.00                               | 29.63 |
| FISH PRODUCTS CO., Tuckerton, N. J.        |                                                                                          |               |                                     |       |
| 4714                                       | Smith's Lifeline Fish Meal Stabilized<br>with (Food Grade) Butylated-Hydroxy-<br>Toluene | 9.61          | 60.00                               | 65.06 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant   |
|-------------------------------------|-------------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |  |
| 4.00                                | 4.68        | 5.50                                | 4.40  | Nicarbazin: Guar., 0.0125%;<br>found, <u>0.0072%</u> . |
| 4.00                                | 4.41        | 5.00                                | 4.71  |  |
| 4.00                                | 4.95        | 4.50                                | 4.18  |  |
| 3.50                                | 4.11        | 9.50                                | 8.06  |  |
| 3.50                                | 3.89        | 9.50                                | 6.90  |  |
| 3.00                                | 3.28        | 9.50                                | 7.85  |  |
| 4.00                                | 4.44        | 5.50                                | 3.27  |  |
| 3.50                                | 4.60        | 8.00                                | 6.98  |  |
| 4.00                                | 4.15        | 6.50                                | 4.56  |  |
| 3.50                                | <u>3.24</u> | 8.00                                | 5.28  |  |
| 3.00                                | <u>4.00</u> | 10.00                               | 4.60  |  |
| 2.00                                | 4.83        | 3.00                                | 2.03  |  |
| 4.00                                | 5.01        | 5.00                                | 4.40  |  |
| 4.00                                | 4.65        | 5.00                                | 3.70  |  |
| 3.00                                | 3.42        | 4.00                                | 2.91  | Sulfaquinoxaline: Guar., 0.025%;<br>found, 0.021%.     |
| 3.00                                | 3.79        | 10.00                               | 9.25  |  |
| 3.00                                | 4.15        | 12.00                               | 8.38  |  |
| 2.00                                | 3.17        | 4.00                                | 2.61  |  |
| 3.50                                | 4.07        | 8.50                                | 7.11  |  |
| 2.00                                | 2.06        | 16.00                               | 12.75 |  |
| 5.00                                | 5.00        | 7.00                                | 3.30  |  |
| 4.00                                | 4.54        | 4.50                                | 3.44  |  |
| 3.50                                | 3.54        | 8.50                                | 7.35  |  |
| 4.50                                | 4.52        | 5.00                                | 4.46  |  |
| 3.50                                | 3.83        | 8.00                                | 7.51  |  |
| 3.00                                | 3.62        | 18.00                               | 11.09 |  |
| 6.00                                | 7.63        | 17.00                               | 12.98 |  |
| 5.00                                | 8.31        | 3.00                                | 0.83  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand   | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------|--|---------------|-------------------------------------|-------|
|             |  |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | FLORIDA CITRUS CANNERS, Lake Wales, Fla.                                       |               |                                     |       |
| 6876        | Lake Wales Brand Citrus Pulp   | 9.12          | 6.00                                | 6.88  |
|             | THE FOX COMPANY, Newfield, N. J.   |               |                                     |       |
| 6270        | Foxco D-Activated Animal Sterol  | 8.94          | 12.00                               | 14.38 |
|             | GENERAL FOODS CORP., Kankakee, Ill.  |               |                                     |       |
| 4641        | Burt's Hominy Feed   | 9.80          | 9.00                                | 9.06  |
|             | GENERAL MILLS, INC., Minneapolis, Minn.  |               |                                     |       |
| 6684        | Ben Hur Wheat Bran & Ground<br>Wheat Screenings                                | 10.98         | 14.00                               | 16.13 |
| 4715        | Washburn's Gold Medal Wheat Bran<br>& Ground Wheat Screenings                  | 10.31         | 14.00                               | 16.31 |
| 6277        | Washburn's Gold Medal Wheat Bran<br>& Ground Wheat Screenings                  | 11.07         | 15.00                               | 17.75 |
| 6884        | Washburn's Gold Medal Wheat<br>Standard Middlings & Ground<br>Wheat Screenings | 10.51         | 15.00                               | 17.38 |
|             | GENERAL MILLS, INC., Larrowe Region, Detroit, Mich.                            |               |                                     |       |
| 6183        | Larro Chick Grains   | 12.46         | 9.00                                | 10.88 |
| 5785        | Larro SureBroiler Starter 26<br>(NCB -AGS) Medicated                           | 12.77         | 26.00                               | 25.63 |
| 6436        | Larro SureChick  | 11.29         | 20.00                               | 21.75 |
| 5814        | Larro SureChick (NCB) Medicated  | 11.96         | 20.00                               | 20.50 |
| 6435        | Larro SureGrow Complete "H-E"  | 9.79          | 16.00                               | 18.75 |
| 6177        | Larro SureLay Complete "H-E"   | 10.32         | 16.00                               | 18.50 |
| 6175        | Larro SureLay "H-E"  | 11.64         | 20.00                               | 21.75 |
| 6176        | Larro SureMilk 16  | 10.26         | 16.00                               | 18.38 |
| 6004        | Larro SureMilk 20  | 10.54         | 20.00                               | 21.63 |
| 5806        | Larro SurePork Grower Complete<br>(AGS) Medicated                              | 12.06         | 15.00                               | 17.63 |
| 6002        | Larro SureRabbit   | 9.71          | 15.00                               | 16.38 |
| 7503        | Larro SureRabbit Medicated   | 9.49          | 15.00                               | 17.88 |
| 7462        | Larro SureTurk   | 10.55         | 27.00                               | 29.63 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant                                                                                                                 |
|-------------------------------------|-------|-------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                          |
| 2.00                                | 3.44  | 16.00                               | 11.12 |                                                                                                                          |
| 0.50                                | 7.53  | 37.00                               | 26.80 |                                                                                                                          |
| 5.00                                | 5.60  | 6.00                                | 3.93  |                                                                                                                          |
| 3.00                                | 3.82  | 12.00                               | 8.59  |                                                                                                                          |
| 3.50                                | 4.48  | 12.00                               | 10.00 |                                                                                                                          |
| 3.50                                | 4.23  | 12.00                               | 9.13  |                                                                                                                          |
| 3.50                                | 4.22  | 9.50                                | 7.00  |                                                                                                                          |
| 2.00                                | 3.33  | 4.00                                | 3.60  |                                                                                                                          |
| 6.50                                | 7.84  | 2.50                                | 2.30  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0051%. Nicarbazin:<br>Guar., 0.01%; found, 0.0116%. |
| 3.50                                | 3.44  | 5.00                                | 3.60  |                                                                                                                          |
| 3.50                                | 3.97  | 5.00                                | 3.91  | Nicarbazin: Guar., 0.01%;<br>found, 0.0106%.                                                                             |
| 3.50                                | 4.23  | 5.50                                | 5.35  |                                                                                                                          |
| 3.50                                | 3.96  | 5.00                                | 3.48  |                                                                                                                          |
| 3.50                                | 4.55  | 5.50                                | 4.05  |                                                                                                                          |
| 3.00                                | 3.58  | 9.00                                | 7.08  |                                                                                                                          |
| 3.00                                | 3.47  | 9.00                                | 7.28  |                                                                                                                          |
| 3.00                                | 4.14  | 6.00                                | 5.22  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0112%.                                                                         |
| 2.00                                | 2.81  | 19.00                               | 17.03 |                                                                                                                          |
| 2.00                                | 2.41  | 19.00                               | 15.68 | Furazolidone: Guar., 0.0055%;<br>found, 0.0054%.                                                                         |
| 2.50                                | 2.51  | 8.50                                | 6.38  |                                                                                                                          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                                 | Manufacturer and brand                                                              | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                                             |                                                                                     |               | Guaran-<br>teed not<br>less<br>than | Found |
| THE GLIDDEN CO., Chemurgy Div., Chicago, Ill.               |                                                                                     |               |                                     |       |
| 7377                                                        | Glidden Hi Prosoy 50% Protein<br>Sol. Ext. Soybean Oil Meal                         | 11.01         | 50.00                               | 50.88 |
| GLOUCESTER BY-PRODUCTS, INC., Gloucester, Mass.             |                                                                                     |               |                                     |       |
| 6312                                                        | Globpro Brand 60% Protein Fish<br>Meal                                              | 9.09          | 60.00                               | 71.13 |
| GORTON-PEW FISHERIES CO., LTD., Gloucester, Mass.           |                                                                                     |               |                                     |       |
| 6146                                                        | Gorton's Al-Blend "Junior"                                                          | 9.32          | 40.00                               | 43.25 |
| D. H. GRANDIN MILLING CO., Jamestown, N. Y.                 |                                                                                     |               |                                     |       |
| 6244                                                        | Grandin's Calf Starter                                                              | 11.36         | 18.00                               | 18.13 |
| 6695                                                        | Grandin's 14% Fitting Ration                                                        | 9.93          | 14.00                               | 19.63 |
| 6008                                                        | Grandin's Hi-Pro Pellets                                                            | 11.05         | 22.00                               | 23.63 |
| 6007                                                        | Grandin's Horse Feed                                                                | 10.04         | 9.00                                | 22.63 |
| 6696                                                        | Grandin's Intermediate Chick<br>Grains                                              | 11.61         | 10.00                               | 9.38  |
| 6005                                                        | Grandin's Laying Mash                                                               | 11.08         | 20.00                               | 22.25 |
| 6241                                                        | Grandin's 14 Milk Maker                                                             | 12.58         | 14.00                               | 15.50 |
| 6223                                                        | Grandin's 16 Milk Maker                                                             | 12.33         | 16.00                               | 17.50 |
| 6694                                                        | Grandin's 20 Milk Maker                                                             | 9.51          | 20.00                               | 21.88 |
| 6009                                                        | Grandin's Rabbit Pellets                                                            | 9.26          | 17.00                               | 19.38 |
| 6006                                                        | Grandin's Start-To-Finish                                                           | 10.18         | 20.00                               | 21.38 |
| 6697                                                        | Grandin's 18 Test Ration                                                            | 10.52         | 18.00                               | 21.13 |
| 7464                                                        | Grandin's 14% Twin Six Dairy<br>Ration                                              | 11.81         | 14.00                               | 16.00 |
| THE GREAT ATLANTIC & PACIFIC TEA CO.,<br>Minneapolis, Minn. |                                                                                     |               |                                     |       |
| 6943                                                        | Daily Egg Laying Mash                                                               | 9.16          | 20.00                               | 23.38 |
| THE GREAT WESTERN SUGAR CO., Denver, Colo.                  |                                                                                     |               |                                     |       |
| 6219                                                        | GW Dried Beet Pulp & Condensed<br>Beet Solubles Product Neutralized<br>with Ammonia | 10.97         | 13.50                               | 16.75 |
| HAFFENREFFER & CO., INC., Boston, Mass.                     |                                                                                     |               |                                     |       |
| 6300                                                        | Haffenreffer & Co. Brewers' Dried<br>Yeast                                          | 9.71          | 40.00                               | 48.25 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |             | Medicant |
|-------------------------------------|-------------|-------------------------------------|-------------|----------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |          |
| 0.50                                | 0.58        | 3.00                                | 3.00        |          |
| 8.00                                | 11.44       | 1.00                                | 0.38        |          |
| 6.00                                | 7.19        | 8.00                                | 7.63        |          |
| 3.00                                | 3.39        | 10.00                               | 7.68        |          |
| 3.00                                | 3.19        | 10.00                               | 7.08        |          |
| 3.00                                | <u>2.41</u> | 5.00                                | <u>5.79</u> |          |
| 3.00                                | <u>3.19</u> | 11.00                               | <u>7.24</u> |          |
| 2.50                                | 2.96        | 5.00                                | 1.68        |          |
| 2.00                                | 2.73        | 4.50                                | 5.21        |          |
| 3.00                                | 3.57        | 10.00                               | 7.95        |          |
| 3.00                                | 3.53        | 10.00                               | 6.33        |          |
| 3.00                                | 3.08        | 10.00                               | 6.74        |          |
| 3.00                                | 2.82        | 18.00                               | 12.31       |          |
| 2.50                                | 2.69        | 6.00                                | <u>7.43</u> |          |
| 3.00                                | 3.07        | 10.00                               | <u>7.28</u> |          |
| 3.00                                | 2.79        | 10.00                               | 7.12        |          |
| 3.00                                | 3.76        | 7.50                                | 8.21        |          |
| - -                                 | - -         | 20.00                               | 16.05       |          |
| 0.75                                | 0.73        | 5.50                                | 3.93        |          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                              | Manufacturer and brand                    | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|---|---------------|-------------------------------------|-------|
|  |   |               | Guaran-<br>teed not<br>less<br>than | Found |
| HALES & HUNTER CO., Chicago, Ill.        |   |               |                                     |       |
| 6092                                     | Gold Flake 16 Dairy                       | 11.46         | 16.00                               | 18.25 |
| 6933                                     | Pioneer Bull Feed                         | 10.78         | 12.00                               | 15.13 |
| 5982                                     | Pioneer Calf Starter                      | 10.63         | 18.00                               | 21.25 |
| 6091                                     | Pioneer Dairy Fitting Feed                | 12.52         | 14.00                               | 15.00 |
| 6173                                     | Pioneer Dairy Production 16               | 11.76         | 16.00                               | 17.38 |
| 6094                                     | Pioneer Dairy Production 18               | 12.16         | 18.00                               | 20.13 |
| 6278                                     | Pioneer Dry & Freshening                  | 9.79          | 12.00                               | 14.38 |
| 7194                                     | Pioneer Greeno                            | 12.13         | 12.00                               | 12.00 |
| 6102                                     | Pioneer Horse Feed                        | 12.33         | 12.00                               | 12.50 |
| 5995                                     | Pioneer Pelleted Flaked 15 Dairy          | 12.84         | 15.00                               | 16.13 |
| 7197                                     | Pioneer Rabbit Pellets                    | 9.72          | 16.00                               | 18.63 |
| 6097                                     | Pioneer Sup-Pel Pellets                   | 8.58          | 18.00                               | 21.00 |
| 7452                                     | Pioneer Sup-R-Flo Dairy Pellets<br>16     | 9.91          | 16.00                               | 19.88 |
| 6100                                     | Red Comb Breeder Mash                     | 10.14         | 20.00                               | 20.25 |
| 5791                                     | Red Comb Broiler Starter GGG<br>Medicated | 11.71         | 24.00                               | 24.75 |
|  |   |               |                                     |       |
| 6938                                     | Red Comb Broiler Station<br>Fattener      | 9.59          | 14.00                               | 15.13 |
| 6103                                     | Red Comb C Flakes                         | 11.62         | 15.00                               | 16.38 |
| 6096                                     | Red Comb Complete Layer                   | 10.96         | 17.00                               | 17.00 |
| 6279                                     | Red Comb Duck Grower                      | 9.37          | 16.00                               | 16.75 |
| 7447                                     | Red Comb Duck Starter                     | 9.48          | 18.00                               | 21.38 |
| 6269                                     | Red Comb Egg Mash                         | 10.31         | 20.00                               | 22.50 |
| 6101                                     | Red Comb Growing Mash                     | 12.42         | 18.00                               | 18.38 |
| 7148                                     | Red Comb Growing Mash Z<br>Medicated      | 10.75         | 18.00                               | 18.13 |
| 7497                                     | Red Comb Pioneer Wormer                   | 10.27         | 20.00                               | 20.50 |
|  |   |               |                                     |       |
| 7382                                     | Red Comb Scratch Feed                     | 12.64         | 9.00                                | 10.13 |
| 6268                                     | Red Comb Turkey Grower                    | 10.06         | 23.00                               | 25.50 |
| HARPER FEED MILLS, INC., Washington, Pa. |   |               |                                     |       |
| 6357                                     | Harco Milk Replacer for Young<br>Calves   | 8.97          | 25.00                               | 29.13 |
| 7339                                     | Warren's Complete Laying Mash             | 10.92         | 16.00                               | 17.38 |
| 6351                                     | Warren's 20% Laying Mash                  | 10.67         | 20.00                               | 23.75 |
| 7336                                     | Warren's Test Cow 16% Dairy               | 11.02         | 16.00                               | 20.38 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant                                                                                                                           |
|-------------------------------------|-------------|-------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                                    |
| 2.00                                | 2.43        | 12.00                               | 9.89  |                                                                                                                                    |
| 3.00                                | 3.84        | 9.00                                | 6.66  |                                                                                                                                    |
| 2.50                                | 2.84        | 7.00                                | 5.27  |                                                                                                                                    |
| 2.50                                | 3.41        | 9.00                                | 7.24  |                                                                                                                                    |
| 3.00                                | 3.92        | 8.00                                | 7.28  |                                                                                                                                    |
| 3.00                                | 3.53        | 8.00                                | 7.12  |                                                                                                                                    |
| 2.50                                | 3.23        | 8.00                                | 6.60  |                                                                                                                                    |
| 2.50                                | 1.09        | 18.00                               | 13.85 |                                                                                                                                    |
| 2.50                                | <u>3.83</u> | 8.00                                | 7.02  |                                                                                                                                    |
| 2.50                                | 3.19        | 7.00                                | 5.96  |                                                                                                                                    |
| 2.00                                | 2.18        | 15.00                               | 8.52  |                                                                                                                                    |
| 3.00                                | 4.79        | 8.00                                | 6.91  |                                                                                                                                    |
| 3.00                                | 2.99        | 10.00                               | 7.78  |                                                                                                                                    |
| 3.50                                | 5.40        | 6.50                                | 5.76  |                                                                                                                                    |
| 4.00                                | 4.92        | 4.00                                | 2.61  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0046%. Glycarbyla-<br>mide: Guar., 0.003%; found,<br>0.0032%. |
| 3.00                                | 3.29        | 7.00                                | 4.79  |                                                                                                                                    |
| 2.50                                | 4.01        | 5.00                                | 2.64  |                                                                                                                                    |
| 3.00                                | 4.95        | 5.50                                | 4.94  |                                                                                                                                    |
| 3.00                                | 3.43        | 6.00                                | 4.85  |                                                                                                                                    |
| 3.00                                | 3.18        | 6.50                                | 5.32  |                                                                                                                                    |
| 3.50                                | 6.10        | 6.50                                | 5.68  |                                                                                                                                    |
| 3.00                                | 5.00        | 7.00                                | 5.58  |                                                                                                                                    |
| 3.00                                | 4.73        | 7.00                                | 5.81  | Nicarbazin: Guar., 0.02%;<br>found, 0.020%.                                                                                        |
| 3.00                                | 3.24        | 5.00                                | 3.81  | Piperazine guaranteed: not<br>determined.                                                                                          |
| 2.00                                | 3.19        | 5.00                                | 5.29  |                                                                                                                                    |
| 3.00                                | 4.75        | 6.00                                | 4.25  |                                                                                                                                    |
| 3.50                                | 4.96        | 2.50                                | 1.30  |                                                                                                                                    |
| 3.00                                | 3.89        | 6.00                                | 3.99  |                                                                                                                                    |
| 3.00                                | 4.99        | 7.00                                | 4.93  |                                                                                                                                    |
| 3.50                                | <u>2.94</u> | 8.50                                | 2.51  |                                                                                                                                    |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                   | Manufacturer and brand                                                        | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-----------------------------------------------|-------------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                               |                                                                               |               | Guaran-<br>teed not<br>less<br>than | Found |
| HONEYMEAD PRODUCTS CO., Mankato, Minn.        |                                                                               |               |                                     |       |
| 6250                                          | Honeymead Hexane Solvent Extract-<br>ed High Energy 48.5% Soybean<br>Oil Meal | 11.19         | 48.50                               | 51.75 |
| H. P. HOOD & SONS, INC., Boston, Mass.        |                                                                               |               |                                     |       |
| 6929                                          | Dried Skimmed Milk                                                            | 9.92          | 28.00                               | 30.63 |
| H. P. HOOD & SONS, Dunedin, Fla.              |                                                                               |               |                                     |       |
| 6613                                          | Hood Citrus Pulp                                                              | 9.41          | 6.00                                | 6.50  |
| HOWARD FEED MILLS, INC., Jacksonville, Fla.   |                                                                               |               |                                     |       |
| 6887                                          | Howard's VeriBest Dried Citrus<br>Pulp                                        | 8.76          | 6.00                                | 6.50  |
| THE HUBINGER CO., Keokuk, Iowa                |                                                                               |               |                                     |       |
| 6623                                          | Ke OK uk Brand 21% Protein Corn<br>Gluten Feed                                | 10.31         | 21.00                               | 23.38 |
| 7469                                          | Ke OK uk Brand Corn Gluten Meal                                               | 7.99          | 41.00                               | 45.88 |
| ILLINOIS CEREAL MILLS INC., Paris, Ill.       |                                                                               |               |                                     |       |
| 4602                                          | Hominy Feed                                                                   | 11.31         | 10.00                               | 9.56  |
| INTERNATIONAL MILLING CO., Minneapolis, Minn. |                                                                               |               |                                     |       |
| 5976                                          | Blackhawk Wheat Bran with Ground<br>Mixed Screenings                          | 12.96         | 13.50                               | 16.88 |
| 6454                                          | Blackhawk Wheat Germ Meal                                                     | 10.54         | 25.00                               | 28.25 |
| 6182                                          | Blackhawk Wheat Standard Middlings<br>with Ground Mixed Screenings            | 12.44         | 14.00                               | 18.88 |
| 7355                                          | Blackhawk Wheat Standard Middlings<br>with Ground Mixed Screenings            | 10.94         | 14.00                               | 18.25 |
| 5975                                          | Target Wheat Reddog                                                           | 13.19         | 15.00                               | 17.00 |
| HERMAN ISACS, INC., Bridgeport, Conn.         |                                                                               |               |                                     |       |
| 6255                                          | Hi-Test Meat & Bone Meal                                                      | 6.29          | 50.00                               | 50.75 |
| JOHN JERVIS GRAIN CO., LTD., Toronto, Canada  |                                                                               |               |                                     |       |
| 6107                                          | Jervis Pure Wheat Shorts                                                      | 12.56         | 15.00                               | 15.13 |

~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant |
|-------------------------------------|-------------|-------------------------------------|-------|----------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |          |
| 0.50                                | 1.34        | 3.00                                | 2.33  |          |
| 0.75                                | 6.41        | - -                                 | - -   |          |
| 2.75                                | 6.59        | 15.00                               | 9.81  |          |
| 2.50                                | 4.33        | 11.00                               | 9.36  |          |
| 1.00                                | 1.69        | 10.00                               | 5.88  |          |
| 1.00                                | <u>0.63</u> | 6.00                                | 2.41  |          |
| 5.00                                | 5.86        | 6.00                                | 3.88  |          |
| 2.50                                | 3.79        | 12.00                               | 9.81  |          |
| 7.00                                | 9.73        | 4.00                                | 2.67  |          |
| 3.00                                | 5.26        | 9.50                                | 6.00  |          |
| 3.00                                | 4.11        | 9.50                                | 9.22  |          |
| 2.00                                | 3.99        | 4.00                                | 3.08  |          |
| 2.00                                | 2.48        | 3.00                                | 1.75  |          |
| 5.00                                | 4.76        | 8.00                                | 7.80  |          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                  | Manufacturer and brand   | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|--|---------------|-------------------------------------|-------|
|  |  |               | Guaran-<br>teed not<br>less<br>than | Found |
| KELLOGG SALES CO., Battle Creek, Mich.       |  |               |                                     |       |
| 6304   | Kellogg's Hominy Feed  | 11.66         | 9.50                                | 9.50  |
| SPENCER KELLOGG & SONS, INC., Buffalo, N. Y. |  |               |                                     |       |
| 6925   | Spencer Kellogg's 44% Protein<br>Toasted Soybean Oil Meal<br>Solvent Extracted | 10.37         | 44.00                               | 47.38 |
| KENNEL FOOD SUPPLY DIV., Fairfield, Conn.    |  |               |                                     |       |
| 6936   | KFS Hi-Protein Mink Ration   | 8.18          | 24.00                               | 28.38 |
| 5896   | KFS Rabbit Pellets   | 9.46          | 19.00                               | 20.88 |
| KEYSTONE DEHYDRATORS, Nazareth, Pa.          |  |               |                                     |       |
| 7163   | Keystone Super Green Dehydrated<br>Alfalfa Meal                                | 7.02          | 17.00                               | 18.00 |
| KING MIDAS FLOUR MILLS, Minneapolis, Minn.   |  |               |                                     |       |
| 6315   | King Midas Wheat Standard Middlings<br>& Ground Wheat Screenings               | 12.00         | 15.00                               | 17.75 |
| KRAFT FOOD DIV., New York, N. Y.             |  |               |                                     |       |
| 4635   | Kaff-A Booster Pellets   | 9.10          | 29.00                               | 28.81 |
| 7473   | Kaff-A Booster Pellets   | 7.06          | 29.00                               | 27.63 |
| 6301   | Kraco Dried Whole Whey   | 7.89          | 12.00                               | 14.38 |
| CHAS. A. KRAUSE MILLING CO., Milwaukee, Wis. |  |               |                                     |       |
| 6689   | Badger Yellow Hominy Feed  | 10.34         | 10.00                               | 11.50 |
| KUDER PULP SALES CO., Lake Alfred, Fla.      |  |               |                                     |       |
| 5980   | Kuder Dried Citrus Pulp, High<br>Sugar   | 10.10         | 6.00                                | 7.50  |
| 4642   | Kuder Dried Citrus Pulp, High<br>Sugar, Late Production                        | 8.10          | 6.00                                | 6.06  |
| LAUHOFF GRAIN CO., Danville, Ill.            |  |               |                                     |       |
| 6246   | Vermilion Hominy Feed  | 11.37         | 9.00                                | 9.75  |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |              | Medicant |
|-------------------------------------|-------------|-------------------------------------|--------------|----------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found        |          |
| 6.50                                | 6.64        | 4.50                                | 4.13         |          |
| 0.50                                | 0.82        | 7.00                                | 5.30         |          |
| 3.00                                | 3.09        | 3.00                                | 2.82         |          |
| 2.00                                | 4.25        | 11.00                               | <u>12.33</u> |          |
| 2.00                                | 2.71        | 27.00                               | 24.05        |          |
| 4.00                                | 6.00        | 9.50                                | 7.98         |          |
| 5.00                                | 6.00        | 2.00                                | 2.13         |          |
| 5.00                                | 5.79        | 2.00                                | <u>3.01</u>  |          |
| 0.50                                | 0.58        | - -                                 | - -          |          |
| 5.00                                | 5.65        | 6.00                                | 3.96         |          |
| 3.00                                | 3.81        | 15.00                               | 10.22        |          |
| 3.00                                | 3.63        | 13.00                               | 10.40        |          |
| 5.00                                | <u>4.68</u> | 6.00                                | 4.33         |          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                 | Manufacturer and brand                                             | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|---------------------------------------------|--------------------------------------------------------------------|---------------|-------------------------------------|--------------|
|                                             |                                                                    |               | Guaran-<br>teed not<br>less<br>than | Found        |
| LIBNER GRAIN CO., Norwalk, Conn.            |                                                                    |               |                                     |              |
| 6928                                        | 12% Libner's Blue Ribbon Fitting Ration                            | 11.50         | 12.00                               | 15.75        |
| 6927                                        | Libner's Blue Ribbon Growing Mash                                  | 9.96          | 18.00                               | 21.88        |
| 6003                                        | Libner's Blue Ribbon Horse & Calf Ration                           | 11.40         | 10.50                               | 10.75        |
| 6926                                        | Libner's Blue Ribbon Milk Egg Mash                                 | 9.96          | 20.00                               | 22.63        |
| 6931                                        | 20% Milkflow Dairy Ration                                          | 11.37         | 20.00                               | <u>18.00</u> |
| MACHNICKI'S GRAIN STORE, Jewett City, Conn. |                                                                    |               |                                     |              |
| 6309                                        | Machnicki's Hi-Energy All Mash Layer                               | 12.46         | 15.50                               | 17.38        |
| MARITIME MILLING CO., INC., Buffalo, N. Y.  |                                                                    |               |                                     |              |
| 5797                                        | Ma-Co 22% Broiler Ration (795-AR-G) Medicated                      | 13.26         | 22.00                               | 26.00        |
| 6948                                        | Ma-Co Complete Grower & Layer Ration (1025)                        | 10.37         | 17.00                               | 18.50        |
| 6947                                        | Super Ma-Co Complete Breeder Ration                                | 11.66         | 18.00                               | 19.00        |
| 7502                                        | Super Ma-Co Complete Chick Starter Ration (805-AR-B) Medicated     | 12.49         | 22.00                               | 22.13        |
| 6099                                        | Super Ma-Co Growing & Laying Ration 18%                            | 12.30         | 18.00                               | 20.63        |
| 5990                                        | Super Ma-Co Complete Growing & Laying Ration 18% (815-B) Medicated | 13.66         | 18.00                               | 20.38        |
| 5989                                        | Super Ma-Co Complete Growing & Laying Ration 18% (815-F) Medicated | 12.16         | 18.00                               | 22.63        |
| 7491                                        | Super Ma-Co Medicated Stress Aid Ration (970-A-2-F)                | 11.48         | 22.00                               | 23.00        |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant  |
|-------------------------------------|-------------|-------------------------------------|-------|---|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |   |
| 4.00                                | <u>3.58</u> | 10.00                               | 6.26  |   |
| 4.00                                | 4.96        | 6.00                                | 4.51  |   |
| 3.50                                | 4.04        | 7.00                                | 6.61  |   |
| 3.00                                | 5.06        | 6.50                                | 5.41  |   |
| 4.00                                | <u>3.59</u> | 9.00                                | 6.52  |   |
| 3.50                                | 3.73        | 4.50                                | 2.70  |   |
| 4.50                                | 5.56        | 3.00                                | 2.00  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0112%. Glycarbyla-<br>mide: Guar., 0.003%; found,<br>0.0026%.                         |
| 4.00                                | 4.65        | 4.50                                | 4.47  |   |
| 3.00                                | 3.39        | 3.00                                | 2.01  |   |
| 3.00                                | 3.27        | 3.00                                | 2.15  | Arsanilic acid: Guar., 0.01%;<br>found, <u>0.0165%</u> . Nitrofurazone<br>plus furazolidone: Guar.,<br>0.0063%; found, 0.0060%. |
| 3.00                                | 3.94        | 3.00                                | 2.90  |   |
| 3.00                                | 3.06        | 3.00                                | 2.98  | Nitrofurazone plus furazolidone:<br>Guar., 0.0063%; found,<br>0.0068%.  |
| 3.00                                | 4.31        | 3.00                                | 2.49  | Furazolidone: Guar., 0.0055%;<br>found, 0.0052%.  |
| 3.00                                | 3.56        | 3.00                                | 1.96  | Furazolidone: Guar., 0.011%;<br>found, 0.0120%. Antibiotics<br>guaranteed; not determined.                                      |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                               | Manufacturer and brand   | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|---|--|---------------|-------------------------------------|-------|
|   |  |               | Guaran-<br>teed not<br>less<br>than | Found |
| McMILLEN FEED MILLS, Ft. Wayne, Ind.      |  |               |                                     |       |
| 6915                                      | Flaked Soybean Hulls   | 10.11         | 9.00                                | 9.88  |
| 4719                                      | Master Mix Calflac   | 5.54          | 18.00                               | 19.25 |
| 4738                                      | Master Mix Chick Concentrate   | 10.23         | 36.00                               | 49.31 |
| 6430                                      | Master Mix Complete Calf Mix   | 10.34         | 17.50                               | 19.75 |
| 6897                                      | Master Mix Complete Rabbit<br>Pellets                                    | 9.64          | 15.00                               | 17.63 |
| 7413                                      | Master Mix Complete Turkey<br>Finisher                                   | 10.61         | 16.00                               | 17.13 |
| 6311                                      | Master Mix 16% Dairy Feed  | 12.19         | 16.00                               | 18.63 |
| 6428                                      | Master Mix Egg Concentrate   | 9.81          | 42.00                               | 43.50 |
| 6896                                      | Master Mix Egg Mash  | 10.00         | 20.00                               | 20.75 |
| 5917                                      | Master Mix Hi-Calorie All Mash<br>Layer                                  | 13.16         | 17.00                               | 17.75 |
| 6307                                      | Master Mix Hi-Calorie Broiler<br>Finisher Concentrate                    | 10.53         | 41.00                               | 43.38 |
| 5706                                      | Master Mix Hi-Calorie Broiler<br>Finisher Concentrate (77K)<br>Medicated | 11.03         | 41.00                               | 43.38 |
| 5705                                      | Master Mix Hi-Calorie Broiler<br>Starter Concentrate (77J)<br>Medicated  | 11.92         | 42.50                               | 43.63 |
| 4749                                      | Master Mix 35% Hog Concentrate   | 10.20         | 35.00                               | 35.50 |
| 4747                                      | Master Mix Horse Feed  | 15.78         | 10.00                               | 11.71 |
| 6429                                      | Master Mix Master Blend Dairy<br>Concentrate                             | 8.68          | 33.00                               | 34.88 |
| 5704                                      | Master Mix Prime Finisher (77A)<br>Medicated                             | 13.21         | 15.00                               | 16.38 |
| 5918                                      | Master Mix Sweet 16% Dairy   | 10.06         | 16.00                               | 20.75 |
| 6306                                      | Master Mix Sweet Flakes  | 9.11          | 7.00                                | 12.13 |
| MEECH & STODDARD, INC., Middletown, Conn. |  |               |                                     |       |
| 7364                                      | M & S Economy Dairy Feed   | 12.16         | 16.00                               | 16.88 |
| 7365                                      | Red Wing Calf Starter & Grower   | 13.26         | 16.00                               | 16.63 |
| 5947                                      | Red Wing 16% Dairy Feed  | 12.74         | 16.00                               | 17.13 |
| 7369                                      | Red Wing Fitting Ration  | 11.98         | 14.00                               | 14.00 |
| 6251                                      | Red Wing Growing Mash  | 9.91          | 17.00                               | 20.50 |
| 7363                                      | Red Wing Horse Feed  | 13.27         | 9.00                                | 9.88  |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |              | Fiber                               |       | Medicant                                                                                                                    |
|-------------------------------------|--------------|-------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found        | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                             |
| 2.00                                | 2.79         | 38.00                               | 32.26 |                                                                                                                             |
| 11.00                               | <u>10.25</u> | 0.50                                | 0.20  |                                                                                                                             |
| 4.00                                | <u>4.78</u>  | 5.50                                | 4.65  |                                                                                                                             |
| 3.00                                | 3.97         | 8.00                                | 7.00  |                                                                                                                             |
| 2.00                                | 2.46         | 16.00                               | 13.21 |                                                                                                                             |
| 3.50                                | 3.73         | 6.00                                | 5.24  |                                                                                                                             |
| 4.00                                | 4.99         | 10.00                               | 9.08  |                                                                                                                             |
| 6.00                                | 7.43         | 4.00                                | 3.48  |                                                                                                                             |
| 2.50                                | 3.93         | 7.00                                | 5.60  |                                                                                                                             |
| 4.50                                | 4.59         | 3.50                                | 2.84  |                                                                                                                             |
| 10.00                               | 11.03        | 3.50                                | 2.53  |                                                                                                                             |
| 10.00                               | 10.23        | 3.50                                | 2.91  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.014%;<br>found, 0.0115%. Nicarbazin:<br>Guar., 0.03%; found, 0.0286%.    |
| 8.50                                | 8.94         | 3.00                                | 2.23  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0111%;<br>found, 0.0116%. Nicarbazin:<br>Guar., 0.0225%; found, 0.0216%. |
| 1.50                                | 1.56         | 9.00                                | 6.75  |                                                                                                                             |
| 3.00                                | 3.13         | 9.00                                | 5.73  |                                                                                                                             |
| 4.00                                | 4.56         | 9.00                                | 5.83  |                                                                                                                             |
| 4.50                                | 5.16         | 4.00                                | 3.23  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0035%;<br>found, 0.0032%. Nicarbazin:<br>Guar., 0.01%; found, 0.0104%.   |
| 4.00                                | 4.69         | 15.00                               | 12.10 |                                                                                                                             |
| 1.50                                | 3.46         | 25.00                               | 25.18 |                                                                                                                             |
| 3.50                                | <u>3.03</u>  | 10.00                               | 8.02  |                                                                                                                             |
| 3.00                                | <u>3.58</u>  | 8.00                                | 5.88  |                                                                                                                             |
| 3.50                                | 3.81         | 9.00                                | 7.87  |                                                                                                                             |
| 3.50                                | 3.50         | 9.00                                | 8.60  |                                                                                                                             |
| 3.00                                | 3.64         | 8.00                                | 6.48  |                                                                                                                             |
| 3.20                                | 3.49         | 7.00                                | 5.51  |                                                                                                                             |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                   | Manufacturer and brand                                        | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|-----------------------------------------------|---------------------------------------------------------------|---------------|-------------------------------------|--------------|
|                                               |                                                               |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 5946                                          | Red Wing Laying Mash                                          | 11.60         | 18.00                               | <u>17.13</u> |
| 6252                                          | Red Wing Pig & Hog Feed                                       | 10.37         | 17.00                               | <u>17.75</u> |
| 7370                                          | Red Wing Stock Feed                                           | 12.01         | 10.00                               | 10.38        |
| 7368                                          | Special Balance Growing Mash                                  | 11.16         | 18.00                               | 18.00        |
| 7366                                          | Special Balance High Efficiency<br>Complete Laying Mash       | 12.29         | 16.00                               | 16.75        |
| 7367                                          | Special Balance Laying Mash                                   | 11.21         | 20.00                               | 20.00        |
| 4868                                          | Special Balance Starting Mash<br>Medicated                    | 11.78         | 20.00                               | 20.31        |
| THE MENNEL MILLING CO., Toledo, Ohio          |                                                               |               |                                     |              |
| 7168                                          | Memo Wheat Standard Middlings<br>with Ground Wheat Screenings | 12.01         | 14.00                               | 15.75        |
| MERCK & CO., INC., Rahway, N. J.              |                                                               |               |                                     |              |
| 5790                                          | Glycamide 6%                                                  |               |                                     |              |
| MILLER ALFALFA CO., Defiance, Ohio            |                                                               |               |                                     |              |
| 6275                                          | Miller's Choice Brand 17%<br>Dehydrated Alfalfa Meal          | 8.14          | 17.00                               | 17.00        |
| MINER-HILLARD MILLING CO., Wilkes-Barre, Pa.  |                                                               |               |                                     |              |
| 6886                                          | Choice Steam Cooked Hominy Feed                               | 9.47          | 10.00                               | 11.88        |
| MINNESOTA LINSEED OIL CO., Minneapolis, Minn. |                                                               |               |                                     |              |
| 4679                                          | Minnesota 34% Protein Sol. Ext.<br>Linseed Oil Meal           | 10.76         | 34.00                               | 36.50        |
| MINUTE MAID CORP., Orlando, Fla.              |                                                               |               |                                     |              |
| 4605                                          | Golden Isle Citrus Pulp                                       | 8.91          | 5.50                                | 5.88         |
| GEO. Q. MOON & CO., INC., Binghamton, N. Y.   |                                                               |               |                                     |              |
| 7356                                          | Moon Goat Ration                                              | 11.26         | 16.00                               | 17.88        |
| 6471                                          | Moon Hog Feed                                                 | 10.77         | 15.00                               | 15.75        |
| 6472                                          | Moon Horse Feed                                               | 10.73         | 9.00                                | 12.63        |
| 6470                                          | Moon Laying Mash                                              | 11.33         | 22.00                               | 22.50        |
| 6296                                          | Moon Rabbit Pellets                                           | 10.62         | 15.00                               | 17.38        |
| 6297                                          | Moon Scratch Feed                                             | 12.45         | 10.00                               | 10.75        |
| 6930                                          | Moon Starter Mash                                             | 9.39          | 20.00                               | 20.75        |

~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |             | Medicant   |
|-------------------------------------|-------------|-------------------------------------|-------------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |  |
| 3.20                                | <u>2.84</u> | 8.00                                | 8.41        |  |
| 3.00                                | <u>3.19</u> | 7.00                                | 5.53        |  |
| 2.50                                | <u>2.24</u> | 11.00                               | 9.63        |  |
| 3.50                                | <u>3.83</u> | 6.00                                | 5.82        |  |
| 3.00                                | 3.72        | 5.00                                | 4.95        |  |
| 3.00                                | 3.16        | 6.00                                | 5.96        |  |
| 3.50                                | 3.50        | 6.00                                | 5.80        | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0150%. |
| 3.50                                | 3.79        | 9.50                                | 7.52        |  |
|                                     |             |                                     |             | Glycarbylamide: Guar., 6%;<br>found, 6.00%.          |
| 1.50                                | 3.14        | 27.00                               | 24.25       |  |
| 5.00                                | 5.06        | 5.00                                | 3.76        |  |
| 0.50                                | 1.63        | 10.00                               | 8.10        |  |
| 2.75                                | 2.78        | 15.00                               | 9.48        |  |
| 3.00                                | 3.61        | 8.00                                | <u>8.82</u> |  |
| 3.00                                | 3.53        | 7.50                                | <u>6.16</u> |  |
| 1.50                                | 2.58        | 10.00                               | 7.72        |  |
| 4.00                                | 4.27        | 6.50                                | 5.31        |  |
| 2.50                                | 3.46        | 12.00                               | 8.90        |  |
| 2.00                                | 2.09        | 5.00                                | 2.63        |  |
| 4.00                                | 4.37        | 6.00                                | 4.72        |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.   | Manufacturer and brand             | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|---|------------------------------------|---------------|-------------------------------------|--------------|
|   |                                    |               | Guaran-<br>teed not<br>less<br>than | Found        |
| FRED C. MORSE & SON, Guilford, Conn.                        |                                    |               |                                     |              |
| 6433  | Old Mill Complete Growing Mash     | 10.69         | 16.00                               | 17.75        |
| 7145  | Old Mill Complete Starting Mash    |               |                                     |              |
|   | Medicated                          | 12.28         | 20.00                               | 20.25        |
| 4750  | Old Mill 16% Dairy Feed            | 17.46         | 16.00                               | <u>13.65</u> |
| 6427  | Old Mill Fitting Feed              | 11.61         | 14.00                               | 14.00        |
| 7361  | Old Mill Growing Mash              | 11.37         | 18.00                               | 18.38        |
| 7146  | Old Mill Hi-Calorie Broiler        |               |                                     |              |
|   | Finisher Medicated                 | 12.34         | 20.00                               | 20.00        |
|   |                                    |               |                                     |              |
| 6431  | Old Mill High-Energy Laying Mash   | 12.36         | 16.00                               | 17.13        |
| 6432  | Old Mill Laying Mash               | 9.87          | 20.00                               | 21.63        |
| 4748  | Old Mill Rabbit Pellets            | 4.07          | 14.00                               | 18.19        |
| 4751  | Old Mill Starting Mash             | 11.34         | 18.00                               | 20.00        |
| MOUNT VERNON MILLING CO., Mt. Vernon, Ind.                  |                                    |               |                                     |              |
| 6688  | Poco Hominy Feed                   | 10.49         | 10.00                               | 9.38         |
| MOWAT, WILSON & CO., Detroit, Mich.                         |                                    |               |                                     |              |
| 4674  | Dried Beet Pulp                    | 10.08         | 7.00                                | 8.56         |
| 4743  | Dried Beet Pulp                    | 9.11          | 7.00                                | 7.13         |
| 6057  | Dried Beet Pulp                    | 11.07         | 7.00                                | 8.00         |
| 6060  | Dried Beet Pulp                    | 11.19         | 7.00                                | 11.13        |
| 7477  | Dried Beet Pulp                    | 11.44         | 7.00                                | 8.50         |
| 6440  | Dried Molasses - Beet Pulp         | 13.50         | 7.00                                | 9.88         |
| NATIONAL ALFALFA DEHYDRATING & MILLING CO.,<br>Lamar, Colo. |                                    |               |                                     |              |
| 6888  | Jack Rabbit 15% Protein Dehydrated |               |                                     |              |
|   | Alfalfa Meal                       | 8.61          | 15.00                               | 15.63        |
| 7470  | Jack Rabbit 17% Dehydrated         |               |                                     |              |
|   | Alfalfa Meal                       | 7.58          | 17.00                               | 18.63        |
| 4597  | Krumbles                           | 9.87          | 13.00                               | 13.81        |
| 7295  | National 20% Broiler-Layer Grade   |               |                                     |              |
|   | Dehydrated Alfalfa Meal            | 9.80          | 20.00                               | <u>18.63</u> |
| NATIONAL BISCUIT CO., Toledo, Ohio                          |                                    |               |                                     |              |
| 6437  | Namico                             | 12.13         | 14.00                               | 15.88        |
| 6465  | Pure Wheat Bran                    | 10.46         | 13.00                               | 15.38        |

~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |              | Medicant                                                                                                                  |
|-------------------------------------|-------------|-------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found        |                                                                                                                           |
| 3.50                                | 3.40        | 5.50                                | 4.58         | Nicarbazin: Guar., 0.015%;<br>found, 0.0121%.                                                                             |
| 3.00                                | 3.00        | 5.50                                | 3.81         |                                                                                                                           |
| 2.50                                | 3.82        | 8.00                                | 4.44         |                                                                                                                           |
| 3.00                                | 3.85        | 8.00                                | 4.73         |                                                                                                                           |
| 3.50                                | 3.94        | 6.50                                | 5.81         |                                                                                                                           |
| 6.00                                | 6.41        | 3.00                                | 2.41         | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.003%;<br>found, 0.0042%. Nicarbazin:<br>Guar., 0.004%; found, 0.0086%. |
| 3.00                                | 3.69        | 5.00                                | 3.38         |                                                                                                                           |
| 3.50                                | 3.74        | 7.50                                | 6.05         |                                                                                                                           |
| 3.00                                | 3.91        | 15.00                               | 10.90        |                                                                                                                           |
| 3.50                                | 4.00        | 6.50                                | 5.48         |                                                                                                                           |
| 5.50                                | <u>4.79</u> | 6.00                                | 3.43         |                                                                                                                           |
| 0.30                                | 0.87        | 22.50                               | 18.03        |                                                                                                                           |
| 0.30                                | 0.31        | 22.50                               | 18.05        |                                                                                                                           |
| 0.30                                | 0.38        | 22.50                               | 18.91        |                                                                                                                           |
| 0.30                                | 0.64        | 22.50                               | 19.82        |                                                                                                                           |
| 0.30                                | 0.34        | 22.50                               | 18.65        |                                                                                                                           |
| 0.30                                | 0.42        | 20.00                               | 14.05        |                                                                                                                           |
| 1.50                                | 2.46        | 30.00                               | 27.96        |                                                                                                                           |
| 1.50                                | 3.17        | 27.00                               | 21.73        |                                                                                                                           |
| 1.50                                | 1.75        | 33.00                               | 29.60        |                                                                                                                           |
| 2.50                                | 3.52        | 20.00                               | <u>21.40</u> |                                                                                                                           |
| 3.50                                | 3.83        | 9.00                                | 5.80         |                                                                                                                           |
| 3.00                                | 3.71        | 10.00                               | 9.11         |                                                                                                                           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                            | Manufacturer and brand                         | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|----------------------------------------|------------------------------------------------|---------------|-------------------------------------|-------|
|                                        |                                                |               | Guaran-<br>teed not<br>less<br>than | Found |
| THE NEW CENTURY CO., Chicago, Ill.     |                                                |               |                                     |       |
| 7357                                   | Brewers Dried Grains                           | 10.06         | 24.00                               | 24.00 |
| NOPCO CHEMICAL CO., Harrison, N. J.    |                                                |               |                                     |       |
| 5926                                   | Nopco-Pak Hi-Lay Premix                        | 6.90          | 7.00                                | 14.63 |
| 5925                                   | Nopco-Pak Super Premix                         | 11.62         | 8.00                                | 20.13 |
| 5924                                   | Nopdex "3000"                                  | 8.96          | 40.00                               | 48.63 |
| 6299                                   | Nopdex "3000"                                  | 10.52         | 10.00                               | 10.88 |
| NORTHERN OHIO SUGAR CO., Denver, Colo. |                                                |               |                                     |       |
| 6341                                   | G-W Dried Beet Pulp                            | 11.71         | 8.00                                | 9.00  |
| OGDEN GRAIN CO., Utica, N. Y.          |                                                |               |                                     |       |
| 6363                                   | Ogden Complete Grower                          | 12.07         | 16.00                               | 16.63 |
| 6151                                   | Ogden Complete Layer                           | 12.32         | 16.00                               | 16.13 |
| 7453                                   | Ogden Developer Feed                           | 13.40         | 8.50                                | 8.63  |
| 7459                                   | Ogden Hi-Energy Growing Mash                   | 10.68         | 16.00                               | 16.38 |
| 7460                                   | Ogden Hi-Energy Laying Mash                    | 10.66         | 16.00                               | 16.25 |
| 5780                                   | Ogden Hi-Energy Starter &<br>Broiler Medicated | 12.59         | 22.00                               | 23.25 |
| 6361                                   | Ogden Horse Feed                               | 13.11         | 10.00                               | 11.25 |
| 6150                                   | Ogden Laying Mash                              | 9.99          | 20.00                               | 21.25 |
| 6358                                   | Ogden Premium 16% Dairy<br>Ration              | 12.01         | 16.00                               | 16.38 |
| 7461                                   | Ogden Premium 14% Fitting<br>Ration            | 12.44         | 14.00                               | 14.00 |
| 6360                                   | Ogden Premium 18% Test Cow<br>Ration           | 11.76         | 18.00                               | 18.13 |
| 6362                                   | Ogden Rabbit Pellets                           | 10.06         | 18.00                               | 18.25 |
| 6149                                   | Ogden Reliable 16% Dairy Feed                  | 11.97         | 16.00                               | 17.38 |
| 6152                                   | Ogden Reliable Fitting Feed                    | 11.87         | 14.00                               | 15.13 |
| 6170                                   | Ogden Scratch Grains                           | 13.09         | 9.00                                | 11.13 |
| 6359                                   | Ogden Super Hi-Energy Laying<br>Mash           | 12.08         | 20.00                               | 21.38 |
| 6354                                   | Warren's Complete Laying Mash                  | 9.31          | 16.00                               | 18.00 |
| 6353                                   | Warren's 20% Laying Mash                       | 10.37         | 20.00                               | 21.13 |
| 6344                                   | Warren's Reliable 16% Dairy                    | 12.26         | 16.00                               | 19.25 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |             | Medicant  |
|-------------------------------------|-------------|-------------------------------------|-------------|---|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |   |
| 5.00                                | 5.78        | 18.00                               | 15.23       |   |
| 2.00                                | 3.19        | 20.00                               | 16.46       |   |
| 0.50                                | 3.24        | 20.00                               | 13.86       |   |
| 0.50                                | 1.71        | 9.00                                | 4.83        |   |
| 0.50                                | 2.55        | 37.00                               | 35.03       |   |
| - -                                 | - -         | 22.50                               | 18.10       |   |
| 3.00                                | 3.03        | 4.00                                | 3.33        |   |
| 3.00                                | 3.73        | 4.00                                | 3.03        |   |
| 3.00                                | 3.24        | 3.50                                | 1.57        |   |
| 4.50                                | <u>3.96</u> | 4.00                                | 3.20        |   |
| 4.50                                | <u>4.01</u> | 4.00                                | 4.01        |   |
| 4.50                                | 6.88        | 4.00                                | 3.21        | Arsanilic acid: Guar., 0.01%;<br>found, 0.0090%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0104%. |
| 3.00                                | 4.19        | 9.00                                | 6.28        |   |
| 3.00                                | 3.63        | 6.00                                | 5.10        |   |
| 3.50                                | 4.12        | 9.00                                | 6.55        |   |
| 3.00                                | 3.33        | 9.00                                | 6.09        |   |
| 3.50                                | 3.64        | 9.00                                | 6.70        |   |
| 3.00                                | 3.71        | 12.00                               | 9.73        |   |
| 3.00                                | 3.46        | 10.00                               | 8.40        |   |
| 3.00                                | 3.48        | 10.00                               | 8.95        |   |
| 3.00                                | 4.32        | 6.00                                | 3.05        |   |
| 4.50                                | <u>4.14</u> | 5.00                                | 5.03        |   |
| 3.00                                | <u>3.90</u> | 7.00                                | 7.00        |   |
| 3.00                                | 4.23        | 7.00                                | <u>8.60</u> |   |
| 3.00                                | 3.20        | 11.00                               | 8.93        |   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                     | Manufacturer and brand                  | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|---|---|---------------|-------------------------------------|-------|
|   |   |               | Guaran-<br>teed not<br>less<br>than | Found |
| THE PARK & POLLARD CO., INC., Buffalo, N. Y.    |   |               |                                     |       |
| 5942  | Hi-Prime Complete Turkey<br>Finisher    | 11.65         | 14.00                               | 14.38 |
| 7387  | Hi-Prime Complete Turkey<br>Finisher    | 11.57         | 14.00                               | 16.50 |
| 6404  | Hi-Prime Complete Turkey<br>Grower      | 9.66          | 20.00                               | 21.50 |
| 6405  | Hi-Prime Turkey Fitting Ration          | 11.36         | 11.00                               | 11.63 |
| 5943  | Lay or Bust Complete Grower &<br>Layer  | 12.71         | 15.00                               | 15.63 |
| 7388  | Lay or Bust Growing & Laying<br>Mash    | 11.09         | 20.00                               | 20.25 |
| 6879  | Milk-Maid Calf-Starter                  | 6.66          | 19.00                               | 21.25 |
| 4722  | Milk-Maid 16% Dairy Ration              | 9.11          | 16.00                               | 17.56 |
| 6880  | Milk-Maid 20% Dairy Ration              | 8.30          | 20.00                               | 21.00 |
| 6877  | Milk-Maid Dri-Fresh Ration              | 9.50          | 13.00                               | 15.25 |
| 4721  | Milk-Maid Fitting Ration                | 10.16         | 14.00                               | 16.44 |
| 6403  | Milk-Maid 14% Test Ration               | 10.26         | 14.00                               | 15.13 |
| 6210  | Milk-Maid 18% Test Ration               | 11.29         | 18.00                               | 20.63 |
| 6212  | Park & Pollard 16% Dairy                | 10.90         | 16.00                               | 19.50 |
| 6878  | Park & Pollard Go-Tu-It Pig<br>Grower   | 10.80         | 16.00                               | 17.38 |
| 5949  | Park & Pollard Hi-Speed Horse<br>Feed   | 12.52         | 12.00                               | 12.63 |
| 5950  | Park & Pollard Rabbit Pellets           | 9.66          | 17.00                               | 19.88 |
| 4720  | Super Lay or Bust Egg Mash              | 10.73         | 21.00                               | 21.31 |
| 6209  | Super Lay or Bust Growing Feed          | 11.46         | 20.00                               | 23.13 |
| PARRISH & HEIMBECKER, LTD., Toronto, Canada     |   |               |                                     |       |
| 6144  | "Parrheim" Pure Wheat Shorts            | 11.87         | 14.00                               | 16.75 |
| PASCO PACKING CO., Dade City, Fla.              |   |               |                                     |       |
| 5945  | O-Mi-O Citrus Pulp                      | 10.13         | 6.00                                | 6.50  |
| 6622  | Sugar Sweet Citrus Pulp                 | 10.01         | 6.00                                | 6.75  |
| PENICK & FORD LTD., INC., Cedar Rapids, Iowa    |   |               |                                     |       |
| 6924  | 21% Protein Douglas Corn Gluten<br>Feed | 11.26         | 21.00                               | 22.38 |
| 6249  | Douglas Corn Gluten Meal                | 8.12          | 41.00                               | 45.88 |
| PERRYSBURG ALFALFA MILLS INC., Perrysburg, Ohio |   |               |                                     |       |
| 6490  | 17% Dehydrated Alfalfa Meal             | 8.15          | 17.00                               | 17.50 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |              | Medicant |
|-------------------------------------|-------------|-------------------------------------|--------------|----------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found        |          |
| 3.50                                | 4.45        | 4.50                                | 4.87         |          |
| 3.00                                | 3.92        | 4.50                                | 4.15         |          |
| 3.50                                | 4.92        | 4.00                                | 3.00         |          |
| 3.50                                | 3.29        | 4.00                                | 3.45         |          |
| 3.00                                | 3.26        | 5.50                                | 5.35         |          |
| 4.00                                | <u>3.43</u> | 6.00                                | 3.98         |          |
| 3.00                                | <u>3.17</u> | 8.00                                | 4.51         |          |
| 4.00                                | 4.85        | 9.00                                | 8.45         |          |
| 4.00                                | 4.74        | 9.00                                | 7.32         |          |
| 4.00                                | 4.57        | 10.00                               | 7.41         |          |
| 3.00                                | 3.88        | 9.00                                | 8.53         |          |
| 5.00                                | 4.95        | 9.00                                | 7.55         |          |
| 5.00                                | 5.31        | 9.00                                | 7.08         |          |
| 4.00                                | 4.75        | 10.00                               | 7.70         |          |
| 3.00                                | 4.36        | 6.00                                | 4.66         |          |
| 3.00                                | <u>2.66</u> | 9.00                                | 6.82         |          |
| 3.00                                | <u>3.25</u> | 12.00                               | 12.47        |          |
| 3.00                                | 3.00        | 4.50                                | 4.23         |          |
| 4.00                                | 4.54        | 4.50                                | 4.33         |          |
| 3.50                                | 4.41        | 8.00                                | 7.85         |          |
| 3.00                                | 4.31        | 16.00                               | 10.51        |          |
| 3.00                                | 2.90        | 13.50                               | 10.29        |          |
| 1.00                                | 2.54        | 10.00                               | 6.84         |          |
| 1.50                                | 1.92        | 6.00                                | 4.18         |          |
| 1.50                                | 2.04        | 27.00                               | <u>29.17</u> |          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                    | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------|---------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                           |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | PHILBRICK STARCH CO. of L. I., INC.,<br>Riverhead, N. Y.                  |               |                                     |       |
| 4640        | PHIL STAR Brand Dried Potato<br>Pulp                                      | 10.26         | 8.00                                | 7.56  |
|             | PIERCE FEED CO. INC., Brooklyn, Conn.                                     |               |                                     |       |
| 7332        | Pierce Complete Grower                                                    | 11.65         | 18.00                               | 18.00 |
| 7333        | Pierce Complete Layer                                                     | 11.21         | 17.00                               | 17.88 |
| 7334        | Pierce 22% Layer                                                          | 10.69         | 22.00                               | 23.63 |
| 5709        | Pierce Starter Medicated                                                  | 13.51         | 20.00                               | 21.50 |
|             | PILLSBURY MILLS INC., Minneapolis, Minn.                                  |               |                                     |       |
| 6461        | Pillsbury's XX Daisy                                                      | 11.82         | 16.00                               | 18.50 |
| 7208        | Pillsbury's Hard Wheat Bran with<br>Ground Wheat Screenings               | 10.82         | 14.00                               | 14.00 |
| 7062        | Pillsbury's Wheat Standard Mid-<br>dlings with Ground Wheat<br>Screenings | 11.75         | 15.00                               | 15.63 |
|             | PLANTERS NUT & CHOCOLATE CO., Suffolk, Va.                                |               |                                     |       |
| 5895        | Peanut Skins                                                              | 9.36          | 10.00                               | 15.75 |
|             | THE QUAKER OATS CO., Chicago, Ill.                                        |               |                                     |       |
| 6379        | Ful-O-Pep Calf Ration                                                     | 10.67         | 20.00                               | 20.25 |
| 6320        | Ful-O-Pep Chick Starter                                                   | 10.91         | 20.00                               | 20.50 |
| 6317        | Ful-O-Pep Egg Breeder Mash                                                | 10.16         | 20.00                               | 21.25 |
| 6322        | Ful-O-Pep Growing Ration                                                  | 11.36         | 15.00                               | 15.00 |
| 6316        | Ful-O-Pep High Sweet Blend L                                              | 11.84         | 4.50                                | 6.50  |
| 6323        | Ful-O-Pep Laying Mash                                                     | 10.18         | 23.00                               | 24.75 |
| 6319        | Ful-O-Pep Laying Ration                                                   | 10.58         | 16.00                               | 17.25 |
| 6318        | Ful-O-Pep Pig-N-Sow Ration                                                | 11.31         | 16.00                               | 16.00 |
| 6380        | Ful-O-Pep Rabbit Ration                                                   | 10.24         | 15.00                               | 14.25 |
| 6321        | Ful-O-Pep 20% Turkey Grower<br>Ration                                     | 10.62         | 20.00                               | 21.50 |
| 6342        | Peterborough Oat Mill By-Product                                          | 9.91          | 2.50                                | 2.50  |
| 7173        | Yellow Hominy Feed                                                        | 9.67          | 9.00                                | 10.75 |

~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |             | Medicant                                       |
|-------------------------------------|-------------|-------------------------------------|-------------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |  |
| 0.30                                | 0.41        | 6.00                                | <u>7.33</u> |  |
| 3.00                                | 3.51        | 5.00                                | 4.24        |  |
| 3.00                                | 3.48        | 4.50                                | 3.49        |  |
| 3.00                                | 4.06        | 5.00                                | 4.00        |  |
| 3.00                                | 4.47        | 5.00                                | 4.08        | Nicarbazin: Guar., 0.0125%;<br>found, 0.0140%. |
| 4.00                                | 5.48        | 4.00                                | 4.51        |  |
| 4.00                                | 4.41        | 12.00                               | 6.65        |  |
| 4.00                                | 4.46        | 9.50                                | 7.64        |  |
| 10.00                               | 21.37       | 15.00                               | 10.67       |  |
| 3.00                                | 3.38        | 9.00                                | 7.60        |  |
| 4.00                                | 4.54        | 6.50                                | 5.73        |  |
| 3.50                                | 4.93        | 8.00                                | 5.95        |  |
| 3.00                                | 3.99        | 7.00                                | 5.95        |  |
| 1.00                                | 2.50        | 16.50                               | 15.48       |  |
| 4.00                                | 4.46        | 6.50                                | 5.05        |  |
| 4.00                                | 4.92        | 5.00                                | 4.93        |  |
| 3.00                                | 3.31        | 6.00                                | 6.05        |  |
| 2.50                                | 3.73        | 18.00                               | 6.78        |  |
| 3.50                                | 3.89        | 5.00                                | 4.90        |  |
| 1.00                                | 1.21        | 32.00                               | 29.68       |  |
| 5.00                                | <u>4.48</u> | 7.50                                | 4.45        |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                        | Manufacturer and brand                                  | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|------------------------------------|---|---------------|-------------------------------------|-------|
|                                    |   |               | Guaran-<br>teed not<br>less<br>than | Found |
| RALSTON PURINA CO., St. Louis, Mo. |   |               |                                     |       |
| 7217                               | 41% Protein Solvent Extracted<br>Cottonseed Meal        | 10.08         | 41.00                               | 41.13 |
| 6612                               | 34% Protein Expeller Process<br>Linseed Oil Meal        | 10.94         | 34.00                               | 40.00 |
| 5971                               | Purina B & M Cow Chow D                                 | 13.18         | 16.00                               | 16.00 |
| 6495                               | Purina Breeder Lay Chow E                               | 9.81          | 23.00                               | 24.50 |
| 4590                               | Purina Breeder Layena (Complete<br>Ration) E            | 11.54         | 16.50                               | 17.19 |
| 5811                               | Purina Broiler Chow Medicated                           | 11.37         | 18.00                               | 19.38 |
| 4876                               | Purina Broiler Chow 3 NC No. 2<br>Medicated             | 12.62         | 18.00                               | 24.50 |
| 4877                               | Purina Broiler Chow Finisher<br>3 NC No. 2 Medicated    | 12.87         | 20.00                               | 19.56 |
| 7255                               | Purina Broiler Chow Finisher (E)<br>3 NC Medicated      | 9.81          | 20.00                               | 20.63 |
| 5783                               | Purina Broiler Chow Starter (D)<br>3 NC No. 2 Medicated | 13.01         | 24.00                               | 28.38 |
| 7086                               | Purina Broiler Chow Starter (E)<br>3 NC Medicated       | 10.61         | 23.00                               | 23.13 |
| 5784                               | Purina Broiler Chow Starter (E)<br>3 NC No. 2 Medicated | 12.69         | 26.00                               | 26.50 |
| 4593                               | Purina Bulky Las  | 8.67          | 10.00                               | 11.69 |
| 6493                               | Purina Calf Startena                                    | 9.62          | 19.00                               | 19.00 |
| 7087                               | Purina Capena 3 NC Medicated                            | 12.33         | 20.00                               | 21.63 |
| 6616                               | Purina Chick Chow (Coarse)                              | 9.92          | 9.00                                | 9.75  |
| 6001                               | Purina Chick Chow (Fine)                                | 12.30         | 10.00                               | 10.50 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant                                                                                                                   |
|-------------------------------------|-------------|-------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                            |
| 1.00                                | 2.46        | 14.00                               | 10.55 |                                                                                                                            |
| 5.00                                | <u>2.02</u> | 8.00                                | 8.51  |                                                                                                                            |
| 2.50                                | <u>3.04</u> | 10.00                               | 5.18  |                                                                                                                            |
| 4.00                                | 4.88        | 5.00                                | 4.51  |                                                                                                                            |
| 4.00                                | 5.11        | 4.50                                | 4.13  |                                                                                                                            |
| 3.00                                | 4.18        | 7.00                                | 4.41  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0056%.                                                |
| 3.00                                | 4.21        | 7.00                                | 4.40  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0058%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0146%. |
| 4.50                                | 5.39        | 3.00                                | 2.75  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0052%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0144%. |
| 5.00                                | 6.89        | 4.50                                | 2.90  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0061%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0144%. |
| 8.00                                | 9.34        | 4.00                                | 3.19  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0042%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0130%. |
| 5.00                                | 7.32        | 4.50                                | 3.51  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0044%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0132%. |
| 8.00                                | 9.07        | 4.00                                | 3.10  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0046%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0114%. |
| 1.50                                | 1.84        | 15.00                               | 13.05 |                                                                                                                            |
| 3.00                                | 3.33        | 8.00                                | 6.36  |                                                                                                                            |
| 4.50                                | <u>4.14</u> | 4.50                                | 2.41  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0042%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0124%. |
| 2.00                                | 2.90        | 4.00                                | 1.36  |                                                                                                                            |
| 2.00                                | 2.72        | 4.00                                | 1.33  |                                                                                                                            |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------|-------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                       |               | Guaran-<br>teed not<br>less<br>than | Found |
| 4591        | Purina Chick Growena                                  | 10.84         | 17.00                               | 18.50 |
| 4874        | Purina Chick Growena NC                               |               |                                     |       |
|             | Medicated                                             | 12.96         | 17.00                               | 17.31 |
| 5781        | Purina Chick Growena NC No. 2                         |               |                                     |       |
|             | Medicated                                             | 12.62         | 17.00                               | 18.50 |
| 7284        | Purina Complete Sow & Pig Chow                        | 11.50         | 16.00                               | 16.63 |
| 5970        | Purina Cow Chow D 16%                                 | 12.76         | 16.00                               | 16.38 |
| 6953        | Purina Cow Chow D 20%                                 | 10.65         | 20.00                               | 21.25 |
| 4595        | Purina D&F Chow                                       | 10.81         | 12.50                               | 12.81 |
| 7285        | Purina Duck Growena                                   | 10.81         | 18.00                               | 18.50 |
| 7218        | Purina Eggena                                         | 10.46         | 16.00                               | 16.38 |
| 6171        | Purina Fitting Ration                                 | 11.92         | 14.00                               | 14.88 |
| 6213        | Purina Game Bird Growena                              | 10.84         | 20.00                               | 21.50 |
| 6954        | Purina Goat Chow                                      | 10.86         | 16.00                               | 17.88 |
| 5999        | Purina Lay Chow E                                     | 10.81         | 23.00                               | 23.88 |
| 4592        | Purina Layena (Complete Ration) E                     | 11.87         | 16.50                               | 18.06 |
| 7495        | Purina Medicated Chek-R-Aid                           | 10.42         | 20.00                               | 20.00 |
| 4594        | Purina Milk Chow D 16%                                | 11.93         | 16.00                               | 16.13 |
| 6615        | Purina Mink Breeder Chow                              | 9.51          | 20.00                               | 24.75 |
| 6422        | Purina Mink Developer Chow                            | 10.07         | 20.00                               | 22.75 |
| 6955        | Purina Nursing Chow                                   | 11.77         | 25.00                               | 26.25 |
| 7089        | Purina of Broiler Chow Finisher<br>(V) 3 NC Medicated | 12.46         | 20.00                               | 20.38 |
| 4670        | Purina Omolene                                        | 12.63         | 10.00                               | 10.00 |
| 6492        | Purina Pigeon Chow Checkers                           | 10.26         | 15.00                               | 15.13 |
| 7048        | Purina Poultry Booster Chow                           | 10.81         | 24.00                               | 25.25 |
| 5969        | Purina Pullet Developer                               | 12.69         | 13.00                               | 13.75 |
| 4875        | Purina Pullet Developer NC                            |               |                                     |       |
|             | Medicated                                             | 12.69         | 13.00                               | 14.25 |
| 6614        | Purina Rabbit Chow Checkers<br>(Complete Ration) E    | 12.99         | 15.00                               | 16.63 |
| 7220        | Purina Range Checkers E                               | 10.46         | 20.00                               | 21.25 |
| 6411        | Purina Roaster Chow                                   | 10.60         | 17.00                               | 17.50 |
| 7219        | Purina Special Steer Fatena 32%                       | 10.56         | 32.00                               | 32.50 |
| 7081        | Purina Squab Broiler Chow 3 NC                        |               |                                     |       |
|             | Medicated                                             | 11.16         | 20.00                               | 20.13 |
| 5810        | Purina Super Chick Startena                           |               |                                     |       |
|             | Medicated                                             | 11.96         | 23.00                               | 24.88 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant   |
|-------------------------------------|-------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |  |
| 3.00                                | 4.33  | 7.00                                | 5.28  | Nicarbazin: Guar., 0.01%;<br>found, 0.0110%.<br>Nicarbazin: Guar., 0.0125%;<br>found, 0.0145%.   |
| 3.00                                | 3.37  | 7.00                                | 4.25  |  |
| 3.00                                | 3.99  | 7.00                                | 4.00  |  |
| 2.50                                | 3.16  | 6.00                                | 4.30  |  |
| 2.50                                | 3.00  | 8.00                                | 4.31  | Furazolidone: Guar., 0.011%;<br>found, 0.0099%. Antibiotic<br>guaranteed, not determined.<br><br>3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.005%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0122%.<br><br>Nicarbazin: Guar., 0.01%;<br>found, 0.0116%.<br><br>3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0043%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0136%.<br>3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0025%;<br>found, 0.0028%. |
| 2.50                                | 3.08  | 8.00                                | 4.37  |  |
| 2.50                                | 2.20  | 11.00                               | 8.53  |  |
| 3.00                                | 4.21  | 5.00                                | 4.08  |  |
| 3.50                                | 3.89  | 7.00                                | 5.72  |  |
| 2.50                                | 3.84  | 12.00                               | 6.13  |  |
| 3.00                                | 3.55  | 7.00                                | 4.98  |  |
| 3.00                                | 3.31  | 9.00                                | 6.72  |  |
| 3.50                                | 3.98  | 5.00                                | 4.29  |  |
| 3.50                                | 5.06  | 4.50                                | 3.50  |  |
| 4.50                                | 4.93  | 4.50                                | 3.06  |  |
| 2.50                                | 2.90  | 10.00                               | 6.28  |  |
| 3.00                                | 5.38  | 5.00                                | 3.26  |  |
| 2.50                                | 4.11  | 5.00                                | 4.43  |  |
| 2.50                                | 2.59  | 1.50                                | 0.92  |  |
| 4.50                                | 4.93  | 4.50                                | 2.87  |  |
| 3.00                                | 4.01  | 9.00                                | 6.38  | Nicarbazin: Guar., 0.01%;<br>found, 0.0116%.   |
| 2.50                                | 3.21  | 4.00                                | 2.96  |  |
| 2.50                                | 2.89  | 6.50                                | 4.07  |  |
| 2.50                                | 4.95  | 8.00                                | 5.05  |  |
| 2.50                                | 4.16  | 8.00                                | 5.15  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0043%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0136%.<br>3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0025%;<br>found, 0.0028%.   |
| 2.00                                | 3.06  | 18.00                               | 14.64 |  |
| 2.00                                | 2.69  | 10.00                               | 6.77  |  |
| 4.00                                | 5.58  | 6.50                                | 3.25  |  |
| 2.00                                | 2.19  | 12.00                               | 6.50  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0025%;<br>found, 0.0028%.   |
| 3.50                                | 3.84  | 4.50                                | 3.35  |  |
| 4.50                                | 4.94  | 4.00                                | 3.12  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                    | Manufacturer and brand  | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|--|---|---------------|-------------------------------------|--------------|
|  |   |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 5782   | Purina Super Chick Startena 3 NC<br>Medicated                     | 13.44         | 23.00                               | 24.38        |
| 6000   | Purina Turkey Fatena  | 10.80         | 15.50                               | 16.75        |
| 6408   | Purina Turkey Fatena  | 10.36         | 17.00                               | 18.13        |
| 6407   | Purina Turkey Finisher No. 1                                      | 10.42         | 15.00                               | 16.38        |
| 7172   | Purina Turkey Finisher No. 2                                      | 11.34         | 13.50                               | 14.75        |
| 6494   | Purina Turkey Growena No. 1                                       | 9.11          | 23.00                               | 23.00        |
| 6409   | Purina Turkey Growena No. 2                                       | 10.04         | 20.00                               | 20.63        |
| 6410   | Purina Turkey Startena  | 10.71         | 28.00                               | 28.00        |
| READING MILLING CO. INC., Reading, Pa.         |   |               |                                     |              |
| 6080   | Faramel All Mash Layer  | 12.28         | 16.00                               | 16.00        |
| 7213   | Faramel Rabbit Food Pellets                                       | 8.83          | 13.00                               | 14.25        |
| RELIABLE GRAIN & FUEL CO., Ansonia, Conn.      |   |               |                                     |              |
| 4678   | Reliable 16% Dairy Feed   | 11.87         | 16.00                               | <u>14.25</u> |
| JAMES RICHARDSON & SONS, LTD., Toronto, Canada |   |               |                                     |              |
| 6145   | Canadian Pure Bran  | 11.28         | 15.00                               | 15.38        |
| ROBIN HOOD FLOUR MILLS LTD., Moose Jaw, Canada |   |               |                                     |              |
| 6081   | Superior Wheat Bran   | 14.00         | 14.00                               | 16.75        |
| RUSSELL-MILLER MILLING CO., Minneapolis, Minn. |   |               |                                     |              |
| 5894   | Occident Wheat Bran   | 12.19         | 14.50                               | 17.88        |
| 4737   | Occident Wheat Red Dog  | 11.06         | 16.50                               | 16.50        |
| 4600   | Occident Wheat Standard Middlings<br>with Ground Wheat Screenings | 11.79         | 15.00                               | 18.00        |
| WOLF SAVITSKY & SONS, INC., Shelton, Conn.     |   |               |                                     |              |
| 6084   | Wolf's Calf Ration  | 12.77         | 18.00                               | 18.38        |
| 5809   | Wolf's Complete Hi-Eff Egg-<br>Breeder Mash Medicated             | 12.01         | 16.00                               | 17.50        |
| 6085   | Wolf's Egg Mash   | 12.90         | 20.00                               | 20.63        |
| 4871   | Wolf's Hi-Speed Starter & Broiler<br>Ration Medicated             | 12.71         | 20.50                               | 21.63        |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant                                                                                                                  |
|-------------------------------------|-------------|-------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                                           |
| 4.50                                | 5.28        | 4.00                                | 3.33  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0025%;<br>found, 0.0026%. Nicarbazin:<br>Guar., 0.01%; found, 0.0116%. |
| 4.50                                | 5.53        | 5.00                                | 3.26  |                                                                                                                           |
| 3.50                                | 5.06        | 5.50                                | 3.83  |                                                                                                                           |
| 4.00                                | 5.14        | 4.50                                | 3.00  |                                                                                                                           |
| 4.00                                | 5.42        | 4.00                                | 3.05  |                                                                                                                           |
| 3.50                                | 4.23        | 6.00                                | 4.50  |                                                                                                                           |
| 3.50                                | 3.93        | 5.50                                | 4.50  |                                                                                                                           |
| 3.00                                | 3.48        | 5.50                                | 4.25  |                                                                                                                           |
| 3.50                                | 4.19        | 4.50                                | 5.01  |                                                                                                                           |
| 3.00                                | 3.64        | 15.00                               | 15.35 |                                                                                                                           |
| 3.50                                | <u>2.45</u> | 9.00                                | 7.30  |                                                                                                                           |
| 3.50                                | 4.57        | 11.50                               | 8.00  |                                                                                                                           |
| 3.50                                | 4.81        | 11.50                               | 10.16 |                                                                                                                           |
| 4.00                                | 4.29        | 11.00                               | 10.68 |                                                                                                                           |
| 3.50                                | 4.46        | 4.00                                | 3.83  |                                                                                                                           |
| 4.00                                | 5.57        | 9.50                                | 7.58  |                                                                                                                           |
| 3.00                                | 3.40        | 9.00                                | 7.66  |                                                                                                                           |
| 3.00                                | 3.41        | 4.00                                | 3.77  | Arsanilic acid: Guar., 0.0090%;<br>found, 0.0107%.                                                                        |
| 3.00                                | 3.23        | 5.00                                | 4.52  |                                                                                                                           |
| 3.00                                | 3.46        | 4.00                                | 3.88  | Sulfaquinoxaline: Guar., 0.0175%;<br>found, 0.0190%. Arsanilic<br>acid: Guar., 0.0090%; found,<br>0.0105%.                |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                     | Manufacturer and brand                                                  | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------------------------------------------|-------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                                 |                                                                         |               | Guaran-<br>teed not<br>less<br>than | Found |
| 6922                                            | Wolf's Horse Feed                                                       | 11.17         | 12.00                               | 14.25 |
| 7449                                            | Wolf's Horse Feed                                                       | 12.66         | 12.00                               | 14.13 |
| 6276                                            | Wolf's Perfor Mo-Las                                                    | 10.59         | 10.00                               | 13.38 |
| 7450                                            | Wolf's Pig & Hog Feed                                                   | 11.49         | 16.00                               | 17.00 |
| 6294                                            | Wolf's Sweetened 14% Dairy Ration                                       | 11.63         | 14.00                               | 15.00 |
| 6086                                            | Wolf's Sweetened 16% Dairy Ration                                       | 12.06         | 16.00                               | 16.50 |
| 7451                                            | Wolf's Sweetened 20% Dairy Ration                                       | 11.18         | 20.00                               | 20.00 |
| SCHENLEY DISTILLERS, INC., New York, N. Y.      |                                                                         |               |                                     |       |
| 4740                                            | Schenley Mark of Merit Corn<br>Distillers Dried Grains with<br>Solubles | 9.74          | 24.00                               | 25.94 |
| 7166                                            | Schenley Soludri Corn Distillers<br>Solubles Dried                      | 10.00         | 22.00                               | 24.75 |
| SCHOENECK FARMS, INC., Nazareth, Pa.            |                                                                         |               |                                     |       |
| 7378                                            | Schoeneck 17% Super-Green<br>Dehydrated Alfalfa Meal                    | 8.16          | 17.00                               | 17.00 |
| 7293                                            | Schoeneck Super-Green Dehydrated<br>Alfalfa Meal                        | 9.46          | 20.00                               | 20.63 |
| JOSEPH E. SEAGRAM & SONS, INC., New York, N. Y. |                                                                         |               |                                     |       |
| 5948                                            | Seagram's Corn Distillers Dried<br>Grains                               | 9.89          | 26.00                               | 27.00 |
| 7467                                            | Seagram's Distillers Dried<br>Solubles                                  | 8.71          | 25.00                               | 26.50 |
| SEYMOUR GRAIN & COAL CO., Seymour, Conn.        |                                                                         |               |                                     |       |
| 6909                                            | Miracle All-In-One Hog Ration                                           | 10.11         | 15.00                               | 18.63 |
| 6914                                            | Miracle 14% Calf Grower                                                 | 10.51         | 14.00                               | 14.88 |
| 4677                                            | Miracle Dairy 16%                                                       | 11.72         | 16.00                               | 15.75 |
| 4718                                            | Miracle Fitting Ration                                                  | 10.57         | 14.00                               | 14.88 |
| 6912                                            | Miracle Hi-Efficiency Grower                                            | 10.40         | 16.00                               | 18.75 |
| 6908                                            | Miracle Hi-Energy All-Mash Layer                                        | 10.04         | 16.50                               | 17.88 |
| 4717                                            | Miracle 20% Laying Mash                                                 | 10.80         | 20.00                               | 20.94 |
| 6916                                            | Miracle 20% Turkey Grower                                               | 9.17          | 20.00                               | 21.38 |
| 6913                                            | See-More Milk Dairy Ration 18%                                          | 9.94          | 18.00                               | 19.25 |
| 6898                                            | See-More Milk Dairy Ration 20%                                          | 11.81         | 20.00                               | 20.00 |

~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant |
|-------------------------------------|-------------|-------------------------------------|-------|----------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |          |
| 2.75                                | 2.91        | 10.00                               | 8.11  |          |
| 2.75                                | 2.87        | 10.00                               | 7.54  |          |
| 2.00                                | 3.46        | 16.00                               | 11.60 |          |
| 3.00                                | 3.04        | 5.00                                | 5.00  |          |
| 3.00                                | 3.92        | 9.00                                | 6.60  |          |
| 3.00                                | 3.81        | 10.00                               | 7.07  |          |
| 3.00                                | 3.59        | 9.00                                | 6.93  |          |
|                                     |             |                                     |       |          |
| 5.00                                | 6.69        | 13.00                               | 6.78  |          |
| 3.00                                | 3.91        | 4.00                                | 3.35  |          |
|                                     |             |                                     |       |          |
| 2.00                                | 2.31        | 27.00                               | 24.17 |          |
| 2.00                                | 3.28        | 27.00                               | 20.05 |          |
|                                     |             |                                     |       |          |
| 8.00                                | 8.44        | 11.00                               | 7.41  |          |
| 5.00                                | 8.59        | 5.00                                | 3.28  |          |
|                                     |             |                                     |       |          |
| 3.00                                | 3.62        | 7.00                                | 4.16  |          |
| 3.00                                | 2.91        | 8.00                                | 5.85  |          |
| 3.00                                | 4.01        | 9.00                                | 6.75  |          |
| 3.00                                | 4.00        | 8.00                                | 6.70  |          |
| 3.00                                | 3.78        | 5.50                                | 3.94  |          |
| 4.25                                | 4.22        | 4.75                                | 2.99  |          |
| 3.00                                | 3.49        | 6.50                                | 4.20  |          |
| 3.00                                | 4.00        | 7.50                                | 4.24  |          |
| 3.00                                | 3.11        | 9.50                                | 6.61  |          |
| 3.00                                | <u>2.69</u> | 9.50                                | 5.96  |          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                     | Manufacturer and brand  | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|---|---|---------------|-------------------------------------|-------|
|   |   |               | Guaran-<br>teed not<br>less<br>than | Found |
| THE W. J. SMALL CO., DIV., Kansas City, Mo.     |   |               |                                     |       |
| 6397  | 17% Dehydrated Alfalfa Meal   | 9.72          | 17.00                               | 19.13 |
| SOUTHERN COTTON OIL DIV., Goldsboro, N. C.      |   |               |                                     |       |
| 7448  | Sco-Co Brand 41% Protein Cotton-<br>seed Meal Prime Quality                       | 11.22         | 41.00                               | 41.63 |
| SOUTHERN FRUIT DISTRIBUTORS INC., Orlando, Fla. |   |               |                                     |       |
| 4716  | Bluebird Citrus Pulp  | 7.82          | 6.00                                | 7.88  |
| SOUTH WINDSOR GRAIN CO., South Windsor, Conn.   |   |               |                                     |       |
| 6939  | Valley Laying Mash  | 9.36          | 20.00                               | 21.25 |
| A. E. STALEY MFG. CO., Decatur, Ill.            |   |               |                                     |       |
| 5940  | Staley's 21% Corn Gluten Feed   | 11.06         | 21.00                               | 21.75 |
| 6308  | Staley's Hi-Pro-Con 50% Protein<br>Dehulled Solvent Extracted<br>Soybean Oil Meal | 10.43         | 50.00                               | 52.13 |
| 6298  | Staley's 44% Protein Solvent<br>Extracted Soybean Oil Meal                        | 11.46         | 44.00                               | 47.50 |
| D. A. STICKELL & SONS, INC., Hagerstown, Md.    |   |               |                                     |       |
| 5930  | Stickell's Horse Feed   | 12.83         | 10.00                               | 10.50 |
| 6399  | Stickell's Su-Pur Rabbit Pellets  | 9.51          | 17.00                               | 19.38 |
| F. W. STOCK & SONS, INC., Hillsdale, Mich.      |   |               |                                     |       |
| 6442  | Stock's Wheat Bran  | 11.88         | 13.00                               | 14.75 |
| SUNI CITRUS PRODUCTS CO., Haines City, Fla.     |   |               |                                     |       |
| 7475  | Suni-Citrolas   | 9.66          | 6.25                                | 7.13  |
| 6445  | Sweet Suni-Citrus Pulp  | 9.44          | 6.00                                | 7.13  |
| SUNNY SLOPE FARMS, INC., Nazareth, Pa.          |   |               |                                     |       |
| 7362  | Sunny Slope Farms Dehydrated<br>Alfalfa Meal                                      | 7.57          | 17.00                               | 18.50 |
| SWIFT & CO., Chicago, Ill.                      |   |               |                                     |       |
| 6253  | Swift's 50% Dehulled Solvent<br>Extracted Soybean Oil Meal                        | 9.37          | 50.00                               | 51.38 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant |
|-------------------------------------|-------|-------------------------------------|-------|----------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |          |
| 1.50                                | 4.34  | 27.00                               | 25.00 |          |
| 4.00                                | 5.03  | 13.00                               | 11.50 |          |
| 3.50                                | 7.36  | 17.00                               | 12.95 |          |
| 4.00                                | 4.09  | 8.50                                | 3.70  |          |
| 1.50                                | 3.09  | 8.00                                | 6.21  |          |
| 0.50                                | 0.93  | 3.00                                | 2.50  |          |
| 0.50                                | 1.50  | 7.00                                | 5.85  |          |
| 3.00                                | 3.01  | 9.00                                | 4.79  |          |
| 2.50                                | 4.23  | 12.00                               | 11.25 |          |
| 2.75                                | 3.26  | 12.00                               | 8.34  |          |
| 2.50                                | 2.73  | 15.75                               | 13.14 |          |
| 3.50                                | 6.45  | 15.00                               | 12.66 |          |
| 2.00                                | 3.34  | 27.00                               | 22.41 |          |
| 0.50                                | 1.31  | 3.00                                | 2.70  |          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                            | Manufacturer and brand                          | Moist-<br>ure | Protein<br>(N x 6.25) |              |
|--------------------------------------------------------|-------------------------------------------------|---------------|-----------------------|--------------|
|                                                        |                                                 |               | Guaran-<br>teed not   | Found        |
|                                                        |                                                 |               | less<br>than          |              |
| ULTRA-LIFE LABORATORIES, INC., East St. Louis, Ill.    |                                                 |               |                       |              |
| 6911                                                   | Ultra-Lifed Calf-Food Pellets                   | 9.61          | 21.00                 | 23.88        |
| 6910                                                   | Ultra-Life High Energy Poultry                  | 9.66          | 19.50                 | 23.50        |
| 6083                                                   | Ultra-Life Livestock                            | 8.71          | 23.00                 | 27.63        |
| UNITED CO-OPERATIVE FARMERS, INC.,<br>Fitchburg, Mass. |                                                 |               |                       |              |
| 7161                                                   | UCF Calf Meal                                   | 8.57          | 25.00                 | 28.25        |
| 7060                                                   | UCF Calf Starter                                | 12.11         | 20.00                 | 20.00        |
| 7057                                                   | UCF 16% Dairy                                   | 12.91         | 16.00                 | 17.25        |
| 7058                                                   | UCF 18% Dairy                                   | 12.25         | 18.00                 | 19.13        |
| 7059                                                   | UCF 20% Dairy                                   | 12.48         | 20.00                 | 20.75        |
| 5908                                                   | UCF Fitting Ration                              | 12.71         | 14.00                 | 14.88        |
| 7257                                                   | UCF Grower Medicated                            | 11.03         | 20.00                 | 21.25        |
| 7258                                                   | UCF Hi-NRG All Mash Breeder<br>Medicated        | 10.75         | 16.00                 | 17.38        |
| 7267                                                   | UCF Hi-NRG All Mash Breeder<br>Medicated        | 11.38         | 16.00                 | 17.50        |
| 7256                                                   | UCF Hi-NRG All Mash Grower &<br>Layer Medicated | 10.60         | 16.50                 | 17.00        |
| 7063                                                   | UCF Horse Feed                                  | 13.10         | 9.00                  | 10.50        |
| 5804                                                   | UCF Layer Medicated                             | 10.58         | 20.00                 | 20.00        |
| 7335                                                   | UCF Medicated Booster 200                       | 10.31         | 17.00                 | 18.13        |
| 5984                                                   | UCF Medicated Booster NF                        | 12.86         | 17.00                 | 16.75        |
| 7061                                                   | UCF Pig & Hog Feed                              | 11.87         | 20.00                 | 21.25        |
| 5907                                                   | UCF Poultry Fitting Ration                      | 11.91         | 12.00                 | 14.13        |
| 7055                                                   | UCF Succulent Dairy                             | 11.00         | 9.00                  | 10.38        |
| 5906                                                   | UCF Super Starter                               | 11.65         | 20.00                 | 20.63        |
| 7035                                                   | UCF Super Starter Medicated                     | 11.77         | 20.00                 | 21.75        |
| UNITY FEEDS INC., Boston, Mass.                        |                                                 |               |                       |              |
| 4744                                                   | Unity Complete Rabbit Pellets                   | 10.94         | 16.00                 | 17.44        |
| 7193                                                   | Unity Dairy & Fitting Ration                    | 12.50         | 14.00                 | 14.25        |
| 7192                                                   | Unity 16% Dairy Ration                          | 12.46         | 16.00                 | 17.63        |
| 6064                                                   | Unity Growing & Laying Mash                     | 12.63         | 20.00                 | 20.63        |
| 6063                                                   | Unity High Energy Growing &<br>Laying Mash      | 12.63         | 15.00                 | 15.75        |
| 4745                                                   | Unity Improved Calf Ration                      | 15.76         | 20.00                 | <u>17.29</u> |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant   |
|-------------------------------------|-------------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |  |
| 2.50                                | 2.69        | 7.00                                | 6.19  |  |
| 5.00                                | 8.21        | 5.50                                | 4.11  |  |
| 1.50                                | 1.71        | 4.50                                | 3.78  |  |
| 1.00                                | 6.49        | 2.00                                | 1.45  |  |
| 3.00                                | 3.04        | 6.00                                | 4.66  |  |
| 3.50                                | 3.74        | 9.00                                | 6.76  |  |
| 3.50                                | 3.24        | 9.00                                | 7.01  |  |
| 3.00                                | <u>3.47</u> | 9.00                                | 6.67  |  |
| 3.50                                | 3.86        | 9.00                                | 6.96  |  |
| 4.00                                | 4.03        | 5.00                                | 5.17  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0092%.   |
| 4.00                                | 4.71        | 4.50                                | 4.10  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0100%.   |
| 4.00                                | 5.22        | 4.50                                | 3.39  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0122%.   |
| 5.00                                | 5.01        | 4.50                                | 3.80  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0108%.   |
| 3.00                                | 3.04        | 9.00                                | 4.24  |  |
| 5.00                                | 6.86        | 5.00                                | 4.23  | Arsanilic acid: Guar., 0.0099%;<br>found, 0.0118%.   |
| 5.00                                | <u>4.59</u> | 4.50                                | 4.24  | Antibiotic guaranteed; not<br>determined.            |
| 5.00                                | 5.53        | 4.50                                | 3.54  | Furazolidone: Guar., 0.0110%;<br>found, 0.0111%.     |
| 3.00                                | 3.58        | 7.00                                | 6.17  |  |
| 2.50                                | 3.27        | 7.00                                | 5.64  |  |
| 2.00                                | 2.94        | 17.00                               | 13.51 |  |
| 4.50                                | 5.46        | 4.00                                | 3.66  |  |
| 4.50                                | 4.74        | 4.00                                | 3.27  | Sulfaquinoxaline: Guar., 0.0150%;<br>found, 0.0174%. |
| 3.00                                | 4.15        | 20.00                               | 9.28  |  |
| 3.50                                | 3.89        | 9.00                                | 6.25  |  |
| 3.50                                | 3.54        | 9.00                                | 7.67  |  |
| 3.00                                | 3.88        | 6.00                                | 4.21  |  |
| 4.00                                | 4.46        | 4.00                                | 3.50  |  |
| 3.50                                | 3.97        | 6.00                                | 5.96  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.  | Manufacturer and brand                             | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|--|---------------|-------------------------------------|-------|
|  |  |               | Guaran-<br>teed not<br>less<br>than | Found |
| 6174   | Unity Pig & Hog Ration                             | 12.16         | 17.00                               | 19.88 |
| 6172   | Unity Scratch Feed                                 | 13.41         | 9.00                                | 10.50 |
| 5992   | Unity Super Starter Medicated                      | 11.71         | 20.00                               | 20.38 |
| 5813   | Unity Trim Medicated                               | 11.41         | 15.50                               | 16.75 |
| GEORGE URBAN MILLING CO., Buffalo, N. Y.                     |  |               |                                     |       |
| 6211   | Wheat Standard Middlings with<br>Ground Screenings | 11.98         | 15.00                               | 17.75 |
| 6401   | Wheat Standard Middlings with<br>Ground Screenings | 11.18         | 15.00                               | 18.13 |
| THE WATERTOWN CO-OPERATIVE ASS'N., INC.,<br>Watertown, Conn. |  |               |                                     |       |
| 7053   | Watertown Co-op 16% Dairy Feed                     | 12.36         | 16.00                               | 17.88 |
| H. K. WEBSTER CO., Lawrence, Mass.                           |  |               |                                     |       |
| 7171   | Blue Seal All-Mash Breeder's<br>Ration             | 11.96         | 16.00                               | 16.88 |
| 6330   | Blue Seal All-Mash Egg Ration                      | 12.46         | 16.00                               | 17.13 |
| 5919   | Blue Seal All-Mash Grow & Lay                      | 12.04         | 16.00                               | 17.13 |
| 7034   | Blue Seal All-Mash Grow & Lay<br>Medicated         | 12.31         | 16.00                               | 16.88 |
| 6934   | Blue Seal All-Mash Growing<br>Ration               | 10.66         | 16.00                               | 16.50 |
| 6469   | Blue Seal Calf Starter                             | 11.96         | 19.00                               | 19.38 |
| 6466   | Blue Seal Chick Feed                               | 12.14         | 10.00                               | 10.63 |
| 7029   | Blue Seal Chick Starter Medicated                  | 12.01         | 20.00                               | 22.38 |
| 6458   | Blue Seal Coarse 16 Dairy Ration                   | 10.46         | 16.00                               | 17.63 |
| 6871   | Blue Seal Coarse 20 Dairy Ration                   | 9.69          | 20.00                               | 21.50 |
| 5920   | Blue Seal Egg Mash                                 | 11.10         | 20.00                               | 21.13 |
| 6946   | Blue Seal Fat & Finish Ration                      | 10.00         | 18.00                               | 20.25 |
| 6061   | Blue Seal Fitting Ration                           | 11.93         | 14.00                               | 17.63 |
| 6935   | Blue Seal Flaked 15                                | 11.76         | 15.00                               | 16.50 |
| 7211   | Blue Seal Flaked 15                                | 12.36         | 15.00                               | 15.63 |
| 7296   | Blue Seal Goat Feed                                | 11.65         | 16.00                               | 16.63 |
| 6460   | Blue Seal Growing Mash                             | 11.87         | 18.00                               | 18.00 |
| 6324   | Blue Seal Horse Feed                               | 11.59         | 10.00                               | 13.88 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant                                                                                                   |
|-------------------------------------|-------|-------------------------------------|-------|------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                            |
| 3.00                                | 4.45  | 6.00                                | 3.98  |                                                                                                            |
| 2.50                                | 3.96  | 5.00                                | 3.50  |                                                                                                            |
| 3.00                                | 5.29  | 4.00                                | 3.26  | Nitrophenide: Guar., 0.018%;<br>found, 0.0168%.                                                            |
| 3.00                                | 4.68  | 6.00                                | 4.21  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0056%.                                |
| 3.50                                | 4.49  | 9.50                                | 6.38  |                                                                                                            |
| 3.50                                | 4.15  | 9.50                                | 6.65  |                                                                                                            |
| 4.00                                | 4.25  | 9.00                                | 6.79  |                                                                                                            |
| 3.50                                | 3.84  | 3.50                                | 2.50  |                                                                                                            |
| 3.00                                | 3.92  | 3.50                                | 3.28  |                                                                                                            |
| 3.00                                | 3.76  | 4.50                                | 3.79  |                                                                                                            |
| 3.00                                | 3.77  | 4.50                                | 3.66  | Sulfaquinoxaline: Guar., 0.0175%;<br>found, 0.0175%.                                                       |
| 3.00                                | 3.62  | 3.50                                | 2.79  |                                                                                                            |
| 3.00                                | 3.13  | 8.00                                | 5.79  |                                                                                                            |
| 2.50                                | 3.34  | 4.00                                | 1.71  |                                                                                                            |
| 3.50                                | 3.87  | 4.50                                | 3.04  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0091%. Sulfaquinox-<br>aline: Guar., 0.0175%; found,<br>0.0210%. |
| 3.50                                | 4.22  | 9.00                                | 7.31  |                                                                                                            |
| 3.50                                | 3.64  | 9.00                                | 6.98  |                                                                                                            |
| 3.50                                | 4.04  | 6.00                                | 3.91  |                                                                                                            |
| 4.50                                | 4.79  | 3.50                                | 2.76  |                                                                                                            |
| 3.50                                | 4.15  | 9.00                                | 8.14  |                                                                                                            |
| 3.00                                | 3.47  | 9.00                                | 5.91  |                                                                                                            |
| 3.00                                | 3.07  | 9.00                                | 6.32  |                                                                                                            |
| 3.50                                | 4.51  | 9.00                                | 6.74  |                                                                                                            |
| 3.50                                | 3.76  | 6.00                                | 3.15  |                                                                                                            |
| 3.00                                | 3.94  | 9.00                                | 5.18  |                                                                                                            |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                        | Manufacturer and brand                                     | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|------------------------------------|------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                    |                                                            |               | Guaran-<br>teed not<br>less<br>than | Found |
| 7085                               | Blue Seal Medicated Chick<br>Booster                       | 12.09         | 20.00                               | 22.00 |
| 5985                               | Blue Seal Medicated Poultry Zest                           | 12.39         | 20.00                               | 21.63 |
| 5714                               | Blue Seal Nicarbazin Mixture Incorp.<br>in Advance Broiler | 12.00         | 22.00                               | 22.00 |
| 6949                               | Blue Seal Pig Feed                                         | 10.31         | 15.00                               | 15.88 |
| 6459                               | Blue Seal Rabbit Pellets                                   | 9.77          | 20.00                               | 21.38 |
| 6326                               | Blue Seal Standard 16 Dairy Ration                         | 11.53         | 16.00                               | 17.38 |
| 6872                               | Blue Seal Standard 20 Dairy Ration                         | 9.69          | 20.00                               | 21.00 |
| 6325                               | Blue Seal Standard 14 Fitting Ration                       | 11.41         | 14.00                               | 16.50 |
| 7212                               | Blue Seal Succulent Feed & Calving<br>Ration               | 11.76         | 12.00                               | 12.00 |
| 7331                               | Blue Seal Super Breeder's Mash                             | 11.91         | 20.00                               | 20.25 |
| 7299                               | Blue Seal Test Ration                                      | 12.36         | 18.00                               | 19.00 |
| 6468                               | Blue Seal Turkey Growing                                   | 10.78         | 20.00                               | 20.63 |
| WEST-NESBITT, INC., Oneonta, N. Y. |                                                            |               |                                     |       |
| 6139                               | All Pure Milk Ration                                       | 11.71         | 20.00                               | 20.88 |
| 6370                               | Cream-Line Dairy-Test Ration                               | 9.75          | 18.00                               | 20.63 |
| 5807                               | Pure Feed Broiler Finisher<br>Medicated                    | 12.41         | 19.50                               | 23.63 |
| 6368                               | Pure Feed Chick Grains                                     | 12.39         | 9.00                                | 10.75 |
| 6372                               | Pure Feed Complete Grower                                  | 11.22         | 16.00                               | 20.63 |
| 4667                               | Pure Feed Complete Layer-<br>Breeder                       | 11.38         | 17.00                               | 18.13 |
| 4671                               | Pure Feed Complete Rabbit Pellets                          | 10.46         | 16.00                               | 18.13 |
| 6058                               | Pure Feed Dairy Test Ration                                | 12.21         | 18.00                               | 19.25 |
| 6140                               | Pure Feed Egg & Breeder                                    | 11.41         | 22.00                               | 24.88 |
| 4668                               | Pure Feed Egg Maker                                        | 10.90         | 22.00                               | 24.00 |
| 6062                               | Pure Feed 14% Fitting Ration                               | 13.37         | 14.00                               | 14.75 |
| 6371                               | Pure Feed Grower                                           | 10.91         | 18.00                               | 18.00 |
| 4669                               | Pure Feed Horse Ration                                     | 10.56         | 9.00                                | 10.75 |
| 6138                               | Pure Feed Starter                                          | 11.07         | 20.00                               | 21.50 |
| 6059                               | Pure Feed Swine Ration                                     | 12.27         | 16.00                               | 16.25 |
| 6373                               | Pure Feed Turkey Finisher                                  | 9.11          | 16.00                               | 20.63 |
| 6369                               | Pure Feed Turkey Grower                                    | 9.86          | 20.00                               | 23.75 |
| A. C. WETHERELL, Suffield, Conn.   |                                                            |               |                                     |       |
| 7359                               | Dewhurst 16% Dairy Ration                                  | 12.17         | 16.00                               | 16.63 |
| 7360                               | Special Dairy Mixture No. 3                                | 13.01         | 16.00                               | 16.88 |

~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |       | Medicant  |
|-------------------------------------|-------------|-------------------------------------|-------|---|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |   |
| 4.00                                | <u>3.14</u> | 4.00                                | 3.04  | Nicarbazin: Guar., 0.0125%;<br>found, 0.0128%. Furazolidone:<br>Guar., 0.011%; found, 0.0107%.<br>Furazolidone: Guar., 0.011%;<br>found, 0.0110%.<br>Nicarbazin: Guar., 0.0125%;<br>found, <u>0.0092%</u> . |
| 4.00                                | 4.55        | 4.00                                | 2.46  |   |
| 5.00                                | 5.38        | 3.50                                | 2.96  |   |
| 4.00                                | 4.69        | 6.00                                | 4.38  |   |
| 3.00                                | 4.14        | 12.00                               | 8.52  |   |
| 3.50                                | 5.08        | 9.00                                | 7.55  |   |
| 3.50                                | 3.84        | 9.00                                | 7.41  |   |
| 3.50                                | 4.08        | 9.00                                | 7.05  |   |
| 2.00                                | 2.04        | 16.00                               | 12.15 |   |
| 4.00                                | 3.89        | 3.50                                | 1.07  |   |
| 3.50                                | 3.44        | 9.00                                | 7.47  | Arsanilic acid: Guar., 0.0095%;<br>found, 0.0107%.  |
| 4.50                                | <u>3.83</u> | 4.00                                | 2.97  |   |
| 3.50                                | 3.66        | 10.00                               | 7.50  |   |
| 3.50                                | 3.85        | 8.50                                | 6.55  |   |
| 3.50                                | 4.14        | 4.00                                | 3.06  |   |
| 2.50                                | 2.51        | 3.00                                | 1.03  |   |
| 3.50                                | 4.13        | 4.50                                | 3.13  |   |
| 3.00                                | 4.09        | 4.50                                | 3.80  |   |
| 3.00                                | 4.35        | 15.00                               | 9.28  |   |
| 3.50                                | 3.38        | 8.50                                | 6.67  |   |
| 3.00                                | 4.59        | 5.00                                | 4.20  |   |
| 3.00                                | 4.50        | 5.50                                | 5.50  |   |
| 3.50                                | 3.31        | 8.50                                | 6.71  |   |
| 3.00                                | 4.50        | 5.00                                | 3.78  |   |
| 3.00                                | 3.84        | 11.00                               | 6.00  |   |
| 3.00                                | 4.69        | 5.00                                | 3.40  |   |
| 3.50                                | 4.52        | 8.00                                | 5.72  |   |
| 3.00                                | 4.11        | 6.00                                | 4.20  |   |
| 3.00                                | 4.43        | 5.00                                | 3.58  |   |
| 3.50                                | 3.63        | 10.00                               | 7.63  |   |
| 3.50                                | 3.78        | 9.00                                | 7.15  |   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.  | Manufacturer and brand                             | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|--|--|---------------|-------------------------------------|-------|
|  |  |               | Guaran-<br>teed not<br>less<br>than | Found |
| WHITMOYER LABORATORIES, INC., Myerstown, Pa.                       |  |               |                                     |       |
| 6147   | Flav-A-Dee   | 10.03         | 26.00                               | 32.88 |
| 6148   | Gro-Tein   | 8.55          | 42.00                               | 51.00 |
| WILKINS-ROGERS MILLING CO., INC., Washington, D. C.                |  |               |                                     |       |
| 6937   | Washington Laying Mash                             | 9.16          | 20.00                               | 21.50 |
| WINTER GARDEN CITRUS PRODUCTS CO-OPERATIVE,<br>Winter Garden, Fla. |  |               |                                     |       |
| 7056   | Wholesun Dried Citrus Pulp                         | 9.76          | 6.00                                | 6.50  |
| WIRTHMORE FEEDS, INC., Waltham, Mass.                              |  |               |                                     |       |
| 6951   | Big W 16% Dairy Feed                               | 10.79         | 16.00                               | 19.88 |
| 5968   | Big W 20% Dairy Feed                               | 12.72         | 20.00                               | 22.50 |
| 7052   | Wirthmore 16% All Pelleted Dairy                   | 10.67         | 16.00                               | 20.00 |
| 7199   | Wirthmore Baby Chick Scratch                       | 13.09         | 9.50                                | 10.25 |
| 5904   | Wirthmore Breeder Mash                             | 11.74         | 20.00                               | 22.63 |
| 5715   | Wirthmore Broiler Starter 407<br>Medicated         | 12.88         | 25.00                               | 25.00 |
| 4673   | Wirthmore Calving Feed                             | 10.93         | 14.00                               | 15.19 |
| 7205   | Wirthmore Chick Starter                            | 10.59         | 20.00                               | 20.00 |
| 4866   | Wirthmore Chick Starter 400<br>Medicated           | 13.52         | 20.00                               | 21.44 |
| 7051   | Wirthmore Coarse Test Dairy Feed                   | 12.71         | 16.00                               | 15.25 |
| 4872   | Wirthmore Coccidiosis Treatment<br>Ration 411      | 12.47         | 22.00                               | 22.50 |
| 4633   | Wirthmore Complete Egg Ration                      | 10.96         | 16.00                               | 16.63 |
| 5923   | Wirthmore Complete Growing<br>Ration               | 11.00         | 13.50                               | 15.88 |
| 7031   | Wirthmore Complete Growing<br>Ration 409 Medicated | 11.91         | 13.50                               | 16.38 |
| 6423   | Wirthmore Complete Turkey<br>Fattening Ration      | 10.16         | 16.00                               | 19.50 |
| 7287   | Wirthmore Complete Turkey<br>Growing Ration        | 12.76         | 18.00                               | 18.25 |
| 5921   | Wirthmore 16 Dairy Feed                            | 11.36         | 16.00                               | 17.50 |
| 6874   | Wirthmore 20 Dairy Feed                            | 8.37          | 20.00                               | 22.13 |
| 5922   | Wirthmore 14 Dairy Fitting Feed                    | 12.22         | 14.00                               | 22.63 |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |             | Fiber                               |             | Medicant                                                                                                |
|-------------------------------------|-------------|-------------------------------------|-------------|---------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |                                                                                                         |
| 12.00                               | 12.23       | 8.00                                | 5.65        |                                                                                                         |
| 6.00                                | 8.24        | 5.00                                | 1.35        |                                                                                                         |
| 3.00                                | 5.23        | 6.50                                | 5.26        |                                                                                                         |
| 2.50                                | 5.85        | 16.00                               | 11.91       |                                                                                                         |
| 2.50                                | 3.27        | 11.00                               | 10.09       |                                                                                                         |
| 2.50                                | 2.74        | 11.00                               | 7.71        |                                                                                                         |
| 3.25                                | 3.28        | 10.00                               | 6.52        |                                                                                                         |
| 2.50                                | <u>1.99</u> | 4.00                                | 1.85        |                                                                                                         |
| 3.50                                | <u>4.84</u> | 5.50                                | 4.32        |                                                                                                         |
| 8.00                                | 8.36        | 3.50                                | 2.94        | Sodium Arsanilate: Guar.,<br>0.0088%; found, 0.0099%.<br>Nicarbazin: Guar., 0.0125%;<br>found, 0.0130%. |
| 3.50                                | 4.34        | 10.00                               | 7.43        |                                                                                                         |
| 4.00                                | 4.01        | 5.00                                | 4.17        |                                                                                                         |
| 4.00                                | 4.61        | 5.00                                | 4.23        | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0200%.                                                    |
| 4.00                                | 4.08        | 9.00                                | 7.00        |                                                                                                         |
| 5.50                                | 5.74        | 4.00                                | 2.85        | Sulfaquinoxaline: Guar.,<br>0.01%; found, 0.0100%.                                                      |
| 3.50                                | 3.31        | 5.00                                | 3.80        |                                                                                                         |
| 3.00                                | 3.78        | 7.00                                | 5.11        |                                                                                                         |
| 3.00                                | 4.16        | 7.00                                | 4.92        | Sulfaquinoxaline: Guar.,<br>0.0125%; found, 0.0145%.                                                    |
| 4.00                                | 5.73        | 5.00                                | 4.88        |                                                                                                         |
| 4.00                                | <u>3.31</u> | 5.50                                | <u>9.75</u> |                                                                                                         |
| 3.50                                | <u>3.82</u> | 9.00                                | <u>6.69</u> |                                                                                                         |
| 3.50                                | 3.84        | 9.00                                | 7.05        |                                                                                                         |
| 3.50                                | 4.00        | 8.50                                | 6.41        |                                                                                                         |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                       | Moist-<br>ure | Protein<br>(N x 6.25)               |       |
|-------------|--------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                              |               | Guaran-<br>teed not<br>less<br>than | Found |
| 7050        | Wirthmore 36% Dairy Mixing Feed                              | 11.81         | 36.00                               | 40.25 |
| 4634        | Wirthmore 16 Dairy Record Feed                               | 9.00          | 16.00                               | 17.88 |
| 4604        | Wirthmore 18 Dairy Record Feed                               | 10.22         | 18.00                               | 19.25 |
| 5700        | Wirthmore Finisher 425 Medicated                             | 14.62         | 16.00                               | 19.63 |
| 5905        | Wirthmore Fodder Greens                                      | 12.75         | 10.00                               | 11.88 |
| 6875        | Wirthmore Green Mountain 14                                  | 9.04          | 14.00                               | 16.75 |
| 4601        | Wirthmore Green Mountain 16                                  | 11.11         | 16.00                               | 16.81 |
| 6220        | Wirthmore Green Mountain 20                                  | 10.16         | 20.00                               | 22.63 |
| 6425        | Wirthmore Grow & Egg Mash                                    | 11.07         | 20.00                               | 22.00 |
| 6426        | Wirthmore Hi-Ener-G 16                                       | 11.51         | 16.00                               | 18.50 |
| 4865        | Wirthmore Hi-Ener-G 16 456<br>Medicated                      | 13.20         | 16.00                               | 17.31 |
| 6222        | Wirthmore Hi-Ener-G Breeder                                  | 11.46         | 16.00                               | 17.75 |
| 7392        | Wirthmore Hog Grower Medicated                               | 11.57         | 15.00                               | 17.13 |
| 6687        | Wirthmore Horse Feed                                         | 10.29         | 10.00                               | 11.50 |
| 4879        | Wirthmore Improved Hi-Ener-G<br>Broiler Ration 404 Medicated | 11.56         | 22.00                               | 23.38 |
| 6873        | Wirthmore Meatless Mink Food                                 | 8.68          | 12.00                               | 13.88 |
| 7088        | Wirthmore Medicated Broiler<br>Perk 406                      | 12.54         | 22.00                               | 22.25 |
| 6098        | Wirthmore Medicated Quickies                                 | 11.77         | 20.00                               | 21.88 |
| 7492        | Wirthmore Medicated Treat 431                                | 10.66         | 20.00                               | 21.25 |
| 7207        | Wirthmore Mink Food                                          | 9.42          | 23.00                               | 25.38 |
| 6221        | Wirthmore Poultry Fitting                                    | 12.36         | 11.50                               | 13.63 |
| 7411        | Wirthmore Poultry Flush                                      | 10.57         | 15.00                               | 15.63 |
| 7501        | Wirthmore Poultry Wormer                                     | 11.10         | 17.50                               | 18.25 |
| 4603        | Wirthmore Production Scratch                                 | 12.53         | 9.50                                | 9.75  |
| 4672        | Wirthmore Rabbit Pellets                                     | 10.71         | 17.00                               | 17.94 |
| 6242        | Wirthmore Sheep & Goat Feed                                  | 8.11          | 16.00                               | 18.88 |
| 6424        | Wirthmore Stock Primer                                       | 10.44         | 15.00                               | 19.25 |
| 4676        | Wirthmore Super Pellets                                      | 11.71         | 23.00                               | 23.63 |
| 6686        | Wirthmore Turkey Growing Ration                              | 10.01         | 23.00                               | 23.13 |
| 7281        | Wirthmore Turkey Growing Ration<br>441 Medicated             | 10.25         | 23.00                               | 24.13 |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |       | Medicant   |
|-------------------------------------|-------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |  |
| 2.00                                | 2.44  | 9.00                                | 7.54  | Sodium Arsanilate: Guar.,<br>0.0088%; found, 0.0077%.<br>Nicarbazin: Guar., 0.0125%;<br>found, 0.0136%.                                    |
| 3.50                                | 4.00  | 8.50                                | 7.35  |  |
| 3.50                                | 3.44  | 8.50                                | 7.48  |  |
| 4.50                                | 6.41  | 4.00                                | 2.80  |  |
| 2.00                                | 2.43  | 18.00                               | 16.35 | Sulfaquinoxaline: Guar.,<br>0.0125%; found, 0.0127%.   |
| 3.00                                | 4.18  | 10.00                               | 8.29  |  |
| 3.00                                | 3.41  | 10.00                               | 7.60  |  |
| 3.00                                | 3.11  | 10.00                               | 7.90  |  |
| 4.00                                | 5.48  | 5.00                                | 4.68  | Antibiotic not determined.   |
| 4.00                                | 4.15  | 4.50                                | 3.80  |  |
| 4.00                                | 4.33  | 4.50                                | 3.58  |  |
| 3.50                                | 4.23  | 4.50                                | 3.50  |  |
| 4.00                                | 4.43  | 6.00                                | 5.10  | Sodium Arsanilate: Guar.,<br>0.0088%; found, 0.0082%.<br>Nicarbazin: Guar., 0.0125%;<br>found, 0.0150%.                                    |
| 3.50                                | 3.93  | 9.00                                | 5.67  |  |
| 5.50                                | 5.71  | 3.50                                | 2.73  |  |
| 6.00                                | 6.97  | 5.00                                | 4.34  |  |
| 5.50                                | 5.64  | 4.00                                | 2.96  | Furazolidone: Guar., 0.011%;<br>found, 0.0094%. Nicarbazin:<br>Guar., 0.0125%; found, 0.012%.<br>Antibiotic guaranteed; not<br>determined. |
| 3.50                                | 5.41  | 4.50                                | 4.46  |  |
| 3.50                                | 4.41  | 4.50                                | 3.60  |  |
| 7.00                                | 7.73  | 4.00                                | 3.92  |  |
| 2.50                                | 2.73  | 6.50                                | 5.68  | Piperazine guaranteed; not<br>determined.  |
| 2.50                                | 3.33  | 6.00                                | 6.00  |  |
| 4.00                                | 4.28  | 4.50                                | 3.39  |  |
| 2.50                                | 3.61  | 4.00                                | 3.40  |  |
| 3.00                                | 3.80  | 11.00                               | 8.95  | 4-Nitrophenylarsonic acid:<br>Guar., 0.025%; found, 0.0258%.   |
| 3.25                                | 3.94  | 10.00                               | 7.20  |  |
| 3.00                                | 3.96  | 10.00                               | 6.25  |  |
| 3.50                                | 4.16  | 5.50                                | 4.33  |  |
| 3.50                                | 3.96  | 6.00                                | 4.67  |  |
| 3.50                                | 4.89  | 6.00                                | 5.54  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                     | Manufacturer and brand                                      | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|---|---|---------------|-------------------------------------|--------------|
|   |   |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 7032  | Wirthmore Turkey Starter 419<br>Medicated                   | 11.31         | 28.00                               | 28.38        |
| 5903  | Wirthmore Twin-Mix Calf Feed                                | 10.72         | 18.00                               | 20.00        |
| WIRTHMORE FEED CO., Concord, N. H.              |   |               |                                     |              |
| 6218  | Hygrade 16% Dairy   | 10.93         | 16.00                               | 17.38        |
| THE YANTIC GRAIN & PRODUCTS CO., Norwich, Conn. |   |               |                                     |              |
| 6303  | Big Y Calf Starter & Builder                                | 10.05         | 17.50                               | 18.88        |
| 7466  | Big Y Calving Ration  | 10.65         | 14.00                               | 14.38        |
| 6920  | Big Y Chick Scratch Grain                                   | 10.67         | 10.00                               | 11.13        |
| 6698  | Big Y Confinement Growing Mash                              | 10.16         | 15.00                               | 17.38        |
| 6649  | Big Y Controlled Growing Ration                             | 9.22          | 15.00                               | 15.75        |
| 4627  | Big Y Dairy & Fitting Ration                                | 10.96         | 14.00                               | 15.13        |
| 4637  | Big Y 16% Dairy Ration                                      | 10.19         | 16.00                               | 17.75        |
| 5972  | Big Y Dairy Ration 18%                                      | 11.71         | 18.00                               | 18.88        |
| 4628  | Big Y 20% Dairy Ration (Extra M)                            | 10.02         | 20.00                               | 22.00        |
| 6650  | Big Y Dairy Ration Purity                                   | 10.01         | 16.00                               | 16.50        |
| 7465  | Big Y Dairy Ration Purity                                   | 9.00          | 16.00                               | 18.00        |
| 6343  | Big Y 32% Dairy Supplement Feed                             | 11.26         | 32.00                               | 32.00        |
| 7264  | Big Y Extra Production Laying<br>Mash Medicated             | 9.86          | 16.00                               | 16.38        |
| 6217  | Big Y Fattening Pellets                                     | 12.61         | 10.00                               | 14.50        |
| 7471  | Big Y Hi-Efficiency Breeder<br>Ration                       | 10.38         | 15.00                               | 15.63        |
| 6214  | Big Y Hi-Efficiency Laying Mash                             | 11.59         | 16.00                               | 17.13        |
| 6919  | Big Y Hi-G Dairy Ration                                     | 10.96         | 16.00                               | 20.38        |
| 6216  | Big Y Hi-G Scratch Feed                                     | 12.21         | 9.00                                | 12.88        |
| 6302  | Big Y High Efficiency Grower                                | 9.82          | 15.00                               | 16.00        |
| 6917  | Big Y Hog & Pig Ration                                      | 10.26         | 17.00                               | 17.50        |
| 5973  | Big Y Horse Feed  | 14.50         | 10.00                               | 10.75        |
| 7198  | Big Y Improved Al-Mo  | 10.68         | 10.00                               | 10.75        |
| 5703  | Big Y Improved Broiler & Starter<br>Ration Medicated        | 13.09         | 21.00                               | <u>20.00</u> |
| 4867  | Big Y Improved Turkey Starter &<br>Game Bird Feed Medicated | 11.11         | 28.00                               | 29.31        |
| 5974  | Big Y Intermediate Chick Grain                              | 13.71         | 10.00                               | 11.63        |
| 6215  | Big Y 20% Laying Mash                                       | 10.31         | 20.00                               | 20.50        |
| 6918  | Big Y M&O Growing Feed                                      | 9.91          | 18.00                               | 18.00        |
| 6699  | Big Y Meat Pullet & Caponette<br>Ration                     | 7.56          | 20.00                               | 21.50        |

~~~~~ indicates deficiencies.



## INSPECTION OF 1958 - Continued

| Fat                                 |       | Fiber                               |             | Medicant                                                                                                                                                         |
|-------------------------------------|-------|-------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found       |                                                                                                                                                                  |
| 4.00                                | 4.08  | 5.50                                | 4.36        | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0148%.                                                                                                             |
| 3.00                                | 3.39  | 8.00                                | 6.04        |                                                                                                                                                                  |
| 3.50                                | 3.81  | 9.00                                | 7.90        |                                                                                                                                                                  |
| 2.50                                | 3.59  | 7.50                                | 7.63        |                                                                                                                                                                  |
| 3.50                                | 3.59  | 11.00                               | 9.47        |                                                                                                                                                                  |
| 2.00                                | 2.29  | 4.00                                | 1.41        |                                                                                                                                                                  |
| 3.50                                | 5.48  | 5.00                                | 4.30        |                                                                                                                                                                  |
| 3.00                                | 4.22  | 10.00                               | 9.68        |                                                                                                                                                                  |
| 3.50                                | 4.76  | 9.00                                | 8.33        |                                                                                                                                                                  |
| 3.50                                | 4.07  | 8.50                                | 7.45        |                                                                                                                                                                  |
| 3.00                                | 3.06  | 8.50                                | 8.18        |                                                                                                                                                                  |
| 3.00                                | 4.03  | 8.50                                | 7.73        |                                                                                                                                                                  |
| 3.50                                | 3.55  | 9.00                                | 8.82        |                                                                                                                                                                  |
| 3.50                                | 4.09  | 9.00                                | 8.65        |                                                                                                                                                                  |
| 3.00                                | 2.76  | 8.00                                | 7.10        |                                                                                                                                                                  |
| 4.00                                | 4.09  | 5.00                                | 5.20        | Arsanilic acid: Guar., 0.01%;<br>found, <u>0.0160%</u> .                                                                                                         |
| 3.50                                | 4.44  | 3.00                                | 3.03        |                                                                                                                                                                  |
| 3.50                                | 4.06  | 4.00                                | 3.11        |                                                                                                                                                                  |
| 3.50                                | 3.64  | 4.00                                | 3.08        |                                                                                                                                                                  |
| 3.00                                | 3.67  | 14.00                               | 9.40        |                                                                                                                                                                  |
| 2.00                                | 3.77  | 5.00                                | <u>6.65</u> |                                                                                                                                                                  |
| 3.50                                | 4.97  | 5.00                                | <u>4.45</u> |                                                                                                                                                                  |
| 3.50                                | 3.89  | 8.00                                | 6.31        |                                                                                                                                                                  |
| 2.50                                | 4.01  | 9.00                                | 6.32        |                                                                                                                                                                  |
| 1.50                                | 2.43  | 17.00                               | 12.50       |                                                                                                                                                                  |
| 5.00                                | 5.59  | 4.00                                | 2.82        | Arsanilic acid: Guar., 0.0095%;<br>found, 0.0114%. Nicarbazin:<br>Guar., 0.010%; found, 0.0112%.<br>Sulfaquinoxaline: Guar.,<br>0.0175%; found, <u>0.0634%</u> . |
| 4.50                                | 5.19  | 5.00                                | 3.30        |                                                                                                                                                                  |
| 2.50                                | 3.00  | 5.00                                | 2.00        |                                                                                                                                                                  |
| 3.50                                | 4.36  | 6.00                                | 5.28        |                                                                                                                                                                  |
| 3.50                                | 4.02  | 6.00                                | 5.07        |                                                                                                                                                                  |
| 3.50                                | 4.73  | 5.00                                | 3.99        |                                                                                                                                                                  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                      | Manufacturer and brand                                                                     | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|----------------------------------|--------------------------------------------------------------------------------------------|---------------|-------------------------------------|--------------|
|                                  |                                                                                            |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 5701                             | Big Y Nicarbazin Mixture Incorp.<br>in Big Y Improved Peerless<br>Broiler & Starter Ration | 13.51         | 23.00                               | 23.13        |
| 6305                             | Big Y Poultry Fitting Ration                                                               | 10.46         | 10.00                               | 15.13        |
| 6869                             | Big Y Poultry Fitting Ration                                                               | 9.57          | 10.00                               | 12.25        |
| 4878                             | Big Y Pre-Starter Medicated                                                                | 11.91         | 26.00                               | 25.38        |
| 4639                             | Big Y Rabbit Pellets                                                                       | 10.17         | 16.00                               | 17.25        |
| 4638                             | Big Y Scratch Feed                                                                         | 12.27         | 9.00                                | 10.19        |
| 6651                             | Big Y Sheep & Goat Feed                                                                    | 8.57          | 16.00                               | 21.38        |
| 5929                             | Big Y Stock Feed                                                                           | 10.70         | 9.00                                | 12.63        |
| 7297                             | Big Y Super Starter Ration                                                                 | 11.14         | 20.00                               | 21.13        |
| 6867                             | Big Y Supreme Laying Mash                                                                  | 7.61          | 16.00                               | 17.38        |
| 4636                             | Big Y Turkey Fattener                                                                      | 11.84         | 17.00                               | 18.31        |
| 6868                             | Big Y Turkey Growing Feed                                                                  | 9.17          | 20.00                               | 20.00        |
| YELDMOR FEEDS, INC., Piqua, Ohio |                                                                                            |               |                                     |              |
| 7144                             | David Small's D.S.H.S. Broiler<br>Feed Medicated                                           | 11.41         | 24.00                               | <u>21.25</u> |
| 7143                             | David Small's D.S.H.S. Finishing<br>Feed Medicated                                         | 11.10         | 20.00                               | 20.38        |
| 7078                             | David Small's High Efficiency All<br>Mash Breeder Medicated                                | 13.35         | 16.00                               | 16.00        |

~~~~~ indicates deficiencies.

## INSPECTION OF 1958 - Concluded

| Fat                                 |       | Fiber                               |       | Medicant   |
|-------------------------------------|-------|-------------------------------------|-------|--|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |  |
| 5.50                                | 6.11  | 4.00                                | 3.07  | Nicarbazin: Guar., 0.01%;<br>found, 0.0098%. Arsanilic<br>acid: Guar., 0.0095%; found,<br>0.0095%.                         |
| 3.00                                | 3.79  | 8.00                                | 7.48  |  |
| 3.00                                | 3.11  | 8.00                                | 4.73  |  |
| 8.00                                | 8.50  | 3.00                                | 2.70  | Nicarbazin: Guar., 0.010%;<br>found, 0.0137%. Arsanilic<br>acid: Guar., 0.0095%; found,<br>0.0090%.                        |
| 3.00                                | 3.71  | 10.00                               | 9.25  |  |
| 2.00                                | 3.66  | 5.00                                | 2.10  |  |
| 3.00                                | 3.24  | 8.50                                | 6.77  |  |
| 2.50                                | 3.43  | 15.00                               | 9.79  |  |
| 3.50                                | 4.83  | 4.50                                | 3.63  |  |
| 5.00                                | 6.47  | 4.00                                | 3.38  |  |
| 3.50                                | 3.54  | 6.00                                | 4.60  |  |
| 3.50                                | 4.16  | 6.00                                | 4.39  |  |
| 7.50                                | 7.71  | 4.00                                | 2.35  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0042%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0134%. |
| 7.50                                | 7.81  | 3.50                                | 2.43  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0043%. Nicarbazin:<br>Guar., 0.0125%; found, 0.0134%. |
| 3.00                                | 5.06  | 4.50                                | 3.50  | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.0041%.  |

TABLE 2. VITAMIN CARRIERS

| Station No                                   | Manufacturer and brand                                  | Place, date of sampling and control number |
|--|---|--|
| AJAX DOG FOOD CO., Dedham, Mass.             |   |  |
| 6019   | Ajax Kibbled Biscuits                                   | Norwalk, 10/10                             |
| AMERICAN CYANAMID CO., New York, N. Y.       |   |  |
| 5314   | Fortafeed Feed Supplement 2-49-C                        | Norwich, 6/18                              |
| 4827   | Fortafeed Feed Supplement 2-49-90                       | Pawcatuck, 5/7, 2128-1                     |
| THE BORDEN CO., New York, N. Y.              |   |  |
| 4030   | Borden's Dry D  | Pawcatuck, 2/24, LHBSO                     |
| CHEMO PURO MFG. CORP., Newark, N. J.         |   |  |
| 5749   | Chemo Nutrient Premix Code No. MGS-2                    | Norwich, 9/11, 8753                        |
| CLINTON CORN PROCESSING CO., Clinton, Iowa   |   |  |
| 5750   | Clinton C. F. S. Concentrate No. 3                      | Jewett City, 9/11                          |
| COMMERCIAL SOLVENTS CORP., Terre Haute, Ind. |   |  |
| 4450   | B-Y-21 Riboflavin Supplement                            | Norwich, 4/8, None                         |
| 5313   | B-Y-21 Riboflavin Supplement                            | Norwich, 6/18                              |
| 4290   | B-Y Vitamin Feed Supplement 60                          | Shelton, 3/19                              |
| DAWE'S LABORATORIES, INC., Chicago, Ill.     |   |  |
| 3785   | Dawe's Fermentation Flavonne                            | Middletown, 1/16, 8693                     |
| 4031   | Dawe's Fermentation Flavonne                            | Guilford, 2/24, 7972                       |
| 4056   | Dawe's Fermentation Flavonne                            | Middletown, 2/27, 9612                     |
| 4442   | Dawe's Fermentation Flavonne                            | Middletown, 4/1, 9612                      |
| 4448   | Dawe's Fermentation Flavonne                            | Plantsville, 4/3, 1170                     |
| 4898   | Dawe's Fermentation Flavonne                            | Middletown, 5/16, 1725                     |
| 5727   | Dawe's Fermentation Flavonne                            | Middletown, 9/3, 3393                      |
| 4394   | Dawe's Pan-Dex 16                                       | Manchester, 3/26, 9216                     |
| 4393   | Dawe's Riboflavin Supplement-4                          | Manchester, 3/26, 9564                     |
| 4441   | Dawe's Vitamelk (Ruminant Type)                         | Middletown, 4/1, 8029                      |
| 4897   | Dawe's Vitamelk (Ruminant Type)                         | Middletown, 5/16, 1674                     |
| 5728   | Dawe's Vitamelk (Ruminant Type)                         | Middletown, 9/3, 1512-1584                 |
| 3784   | 3-Nitro-4-hydroxy Mixture Special Broiler Mix No. 571-D | Middletown, 1/16, 8694                     |
| 4443   | 3-Nitro-4-hydroxy Mixture Special Broiler Mix No. 571-D | Middletown, 4/1, 8694                      |

~~~~~ indicates deficiencies.



TABLE 2. VITAMIN CARRIERS

| Vitamin D, units/lb. |              | Riboflavin,<br>mg/lb. |             | Niacin,<br>mg/lb. |             | Pantothenic<br>acid, mg/lb. |             |
|----------------------|--------------|-----------------------|-------------|-------------------|-------------|-----------------------------|-------------|
| Guar.                | Found        | Guar.                 | Found       | Guar.             | Found       | Guar.                       | Found       |
|                      |              | 31.7                  | <u>0.74</u> | 180               | <u>18.3</u> | 66                          | <u>2.61</u> |
|                      |              | 2000                  | 2130        | 9000              | 9233        | 4000                        | 4312        |
|                      |              | 2000                  | 2100        | 9000              | 9307        | 4000                        | 3699        |
| 681,000              | Satisfactory |                       |             |                   |             |                             |             |
| 68,100               | Satisfactory | 250                   | 288         | 2.06              | 2.09        | 4342                        | 4008        |
|                      |              | 10                    | <u>28</u>   | 100               | <u>164</u>  | 20                          | <u>32</u>   |
|                      |              | 3630                  | 3768        |                   |             |                             |             |
|                      |              | 3630                  | 3765        |                   |             |                             |             |
|                      |              | 2000                  | 2111        | 9000              | 10078       | 3680                        | 3223        |
| 18,160               | Satisfactory | 22.7                  | <u>54.5</u> | 90                | <u>145</u>  | 33                          | 37          |
| 18,160               | Satisfactory | 22.7                  | <u>41.3</u> | 90                | <u>205</u>  | 33                          | <u>49</u>   |
| 18,160               | Satisfactory | 22.7                  | <u>53.6</u> | 90                | <u>179</u>  | 33                          | <u>37</u>   |
|                      |              | 45                    | <u>44</u>   | 140               | <u>159</u>  | 40                          | 32          |
|                      |              | 45                    | 49          | 140               | 145         | 40                          | 35          |
| 18,160               | Satisfactory | 45                    | <u>64</u>   | 140               | <u>172</u>  | 40                          | 45          |
| 18,160               | Satisfactory | 45                    | <u>61</u>   | 140               | <u>223</u>  | 40                          | 35          |
|                      |              |                       |             |                   |             | 16                          | 16.6        |
|                      |              | 4000                  | 4177        |                   |             |                             |             |
|                      |              | 15.4                  | <u>51.6</u> | 90                | 97          | 16.3                        | <u>26.9</u> |
|                      |              | 15.4                  | <u>25.5</u> | 90                | <u>119</u>  | 16.3                        | <u>16.3</u> |
|                      |              | 15.4                  | <u>20.0</u> | 90                | <u>123</u>  | 16.3                        | <u>39.8</u> |
| 14,528               | Satisfactory | 42                    | 46          | 180               | <u>247</u>  | 61                          | 71          |
| 14,528               | Satisfactory | 42                    | 46          | 180               | <u>229</u>  | 61                          | <u>76</u>   |

TABLE 2. VITAMIN CARRIERS - Continued

| Station No.                                                        | Manufacturer and brand                                                                  | Place, date of sampling and control number               |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|
| 5820                                                               | 3-Nitro-4-hydroxy Mixture<br>Special Broiler Mix No. 571-D<br>File No. 2436-A Medicated | Guilford, 9/22, 3797                                     |
| 5733                                                               | Premix No. 1 File No. 1637-D                                                            | Manchester, 9/8, 3661                                    |
| 5732                                                               | Premix No. 2 File No. 1638-C                                                            | Manchester, 9/8, 3662                                    |
| 5731                                                               | Premix No. 111 File No. 1639-C                                                          | Manchester, 9/8, 3663                                    |
| E. I. duPONT deNEMOURS & CO., Wilmington, Del.                     |                                                                                         |                                                          |
| 4902                                                               | duPont Delsterol 3000-D                                                                 | Derby, 5/19, None                                        |
| EASTERN STATES FARMERS' EXCHANGE, INC.,<br>West Springfield, Mass. |                                                                                         |                                                          |
| 6186                                                               | Appiwhey                                                                                | Putnam, 10/30, BH806                                     |
| 4386                                                               | Calfsaver Tablets                                                                       | North Haven, 3/25, 9950<br>007-108                       |
| THE FOX CO., Newfield, N. J.                                       |                                                                                         |                                                          |
| 5734                                                               | Foxco D-Activated Animal Sterol                                                         | Derby, 9/9, 31858                                        |
| 5736                                                               | Foxco D-Activated Animal Sterol                                                         | Derby, 9/9, 61958                                        |
| 3787                                                               | Foxco Qualadee A & D Feeding<br>Oil                                                     | New Haven, 1/16, 12757                                   |
| 4289                                                               | Foxco Qualadee A & D Feeding<br>Oil                                                     | Derby, 3/19, 12957                                       |
| 4908                                                               | Foxco Qualadee A & D Feeding<br>Oil                                                     | New Haven, 5/20, 4158                                    |
| 5735                                                               | Foxco Qualadee A & D Feeding<br>Oil                                                     | Derby, 9/9, 52658                                        |
| 6190                                                               | Foxco Qualadee A & D Feeding<br>Oil                                                     | Derby, 10/31, 31858                                      |
| GORTON-PEW FISHERIES CO., LTD., Gloucester, Mass.                  |                                                                                         |                                                          |
| 3786                                                               | Gorton's Al-Blend "Junior"                                                              | Wallingford, 1/16, 21924-<br>21927-21921-21929-<br>21918 |
| 4444                                                               | Gorton's Al-Blend "Junior"                                                              | Wallingford, 4/1, 21919-<br>21914-21913-21916-<br>21911  |
| 4899                                                               | Gorton's Al-Blend "Junior"                                                              | Wallingford, 5/16, None                                  |
| KRAFT FOODS DIV., New York, N. Y.                                  |                                                                                         |                                                          |
| 5316                                                               | G-AN-EN Dog Food Supplement                                                             | Norwich, 6/18,                                           |
| 4029                                                               | Kaff-A Booster Pellets                                                                  | Mt. Carmel, 2/19, None                                   |
| 5318                                                               | Pex for Layers-Breeders                                                                 | Norwich, 6/18, None                                      |

~~~~~ indicates deficiencies.

TABLE 2. VITAMIN CARRIERS - Continued

| Vitamin D, units/lb. |              | Riboflavin,<br>mg/lb. |             | Niacin,<br>mg/lb. |             | Pantothenic<br>acid, mg/lb. |             |
|----------------------|--------------|-----------------------|-------------|-------------------|-------------|-----------------------------|-------------|
| Guar.                | Found        | Guar.                 | Found       | Guar.             | Found       | Guar.                       | Found       |
| 14,528               | Satisfactory |                       |             |                   |             |                             |             |
| 170,300              | Satisfactory | 100                   | <u>122</u>  | 5200              | 4892        | 700                         | 564         |
| 102,100              | Satisfactory | 150                   | <u>202</u>  | 5800              | 6061        | 600                         | 581         |
| 103,100              | Satisfactory | 350                   | <u>322</u>  | 4500              | 4532        | 800                         | <u>1060</u> |
| 1,362,000            | Satisfactory |                       |             |                   |             |                             |             |
|                      |              | 11.5                  | <u>14.9</u> | 18.0              | 15.6        |                             |             |
|                      |              |                       |             | 50                | 53          |                             |             |
| 681,000              | Passed       |                       |             |                   |             |                             |             |
| 681,000              | Satisfactory |                       |             |                   |             |                             |             |
| 136,200              | Satisfactory |                       |             |                   |             |                             |             |
| 136,200              | Satisfactory |                       |             |                   |             |                             |             |
| 136,200              | Satisfactory |                       |             |                   |             |                             |             |
| 136,200              | Satisfactory |                       |             |                   |             |                             |             |
| 136,200              | Satisfactory |                       |             |                   |             |                             |             |
| 8,000                | Satisfactory | 18                    | <u>28</u>   | 200               | <u>249</u>  |                             |             |
| 8,000                | Satisfactory | 18                    | <u>32</u>   | 200               | <u>259</u>  |                             |             |
| 8,000                | Satisfactory | 18                    | <u>35</u>   | 200               | 226         |                             |             |
| 3,600                | Satisfactory | 10                    | <u>16.8</u> | 35                | <u>58.8</u> |                             |             |
|                      |              | 4.5                   | <u>6.8</u>  |                   |             |                             |             |

TABLE 2. VITAMIN CARRIERS - Continued

| Station No.                                  | Manufacturer and brand                            | Place, date of sampling and control number |
|--|---|--|
| McMILLEN FEED MILLS, Ft. Wayne, Ind.         |   |  |
| 5834   | Master Mix Dogburger                              | Pawcatuck, 9/29                            |
| THE MERCHANTS CREAMERY CO., Cincinnati, Ohio |   |  |
| 4395   | Blue Ribbon Emulsion                              | Manchester, 3/26                           |
| MERCK & CO., INC., Rahway, N. J.             |   |  |
| 5746   | No. 718 Feed Supplement Improved Premix           | Norwich, 9/11, M-1141-8                    |
| 6168   | No. 742 Feed Supplement Improved Premix Medicated | Norwich, 10/28, M1457-8                    |
| 4288   | No. 659 Vitamin Mixture                           | Derby, 3/19                                |
| MYZON, INC., Chicago, Ill.                   |   |  |
| 4388   | Myzon Poultry Builder                             | Manchester, 3/26                           |
| 5317   | Myzon Poultry Builder                             | Norwich, 6/18                              |
| NOPCO CHEMICAL CO., Harrison, N. J.          |   |  |
| 5315   | Nopco Niacin 50%                                  | Norwich, 6/18, BGM-V5067-510-12024         |
| 3790   | Nopco-Pak Hi-Lay Premix                           | Norwich, 1/17, DDA-527-11514-1610-12/57    |
| 4055   | Nopco-Pak Hi-Lay Premix                           | Norwich, 2/27, 527-11514-DDA-1610-12/57    |
| 4451   | Nopco-Pak Hi-Lay Premix                           | Norwich, 4/8, DDA-527-11514-810-3/58       |
| 3789   | Nopco-Pak Super Premix                            | Norwich, 1/17, DCR-527-11507-510-11/57     |
| 4054   | Nopco-Pak Super Premix                            | Norwich, 2/27, DCR-527-11507-510-11/57     |
| 4452   | Nopco-Pak Super Premix                            | Norwich, 4/8, DCR-527-11507-510-11/57      |
| 4053   | Nopdex "3000"                                     | Norwich, 2/27, None                        |
| CHAS. PFIZER & CO. INC., Terre Haute, Ind.   |   |  |
| 5748   | High Lay Premix                                   | Norwich, 9/11, AK1848                      |
| 6167   | High Lay Premix                                   | Norwich, 10/28, AK2598                     |

~~~~ indicates deficiencies.



TABLE 2. VITAMIN CARRIERS - Continued

| Vitamin D, units/lb. |              | Riboflavin,<br>mg/lb. |            | Niacin,<br>mg/lb. |             | Pantothenic<br>acid, mg/lb. |            |
|----------------------|--------------|-----------------------|------------|-------------------|-------------|-----------------------------|------------|
| Guar.                | Found        | Guar.                 | Found      | Guar.             | Found       | Guar.                       | Found      |
|                      |              | 2.5                   | 2.6        | 20                | 20          | 5                           | <u>8</u>   |
|                      |              | 4.5                   | <u>3.5</u> |                   |             |                             |            |
| 85, 125              | Satisfactory | 500                   | <u>608</u> | 3750              | <u>5148</u> | 460                         | <u>617</u> |
| 85, 125              | Satisfactory | 500                   | 486        | 3750              | 4035        | 460                         | 545        |
|                      |              | 1000                  | 1022       | 6660              | 7264        | 1224                        | 1223       |
| 164, 000             | Satisfactory | 160                   | <u>127</u> | 640               | 757         | 160                         | 157        |
|                      |              | 160                   | <u>153</u> | 640               | 749         | 160                         | 179        |
|                      |              |                       |            | 50                | 52          |                             |            |
| 400, 000             | Satisfactory | 800                   | 872        | 8000              | 9307        |                             |            |
|                      |              | 800                   | 835        | 8000              | 9534        | 1472                        | 1604       |
| 400, 000             | Satisfactory | 800                   | 913        | 8000              | 8036        | 1472                        | 1608       |
| 170, 300             | Satisfactory | 1000                  | 958        | 7500              | 8626        |                             |            |
| 170, 300             | Satisfactory | 1000                  | 1049       | 7500              | 8944        | 920                         | 842        |
|                      |              | 1000                  | 993        | 7500              | 6673        | 920                         | 925        |
| 1, 360, 800          | Satisfactory |                       |            |                   |             |                             |            |
| 1, 000, 000          | Passed       | 2000                  | 2096       | 20000             | 21526       | 3680                        | 3318       |
| 1, 000, 000          | Satisfactory | 2000                  | 1855       | 20000             | 21387       | 3680                        | 3415       |

TABLE 2. VITAMIN CARRIERS - Continued

| Station No                                      | Manufacturer and brand                  | Place, date of sampling and control number |
|-------------------------------------------------|-----------------------------------------|--------------------------------------------|
| SILMO CHEMICAL CORP., Vineland, N. J.           |                                         |                                            |
| 3793                                            | Silmo XX Vitamin A & D Feeding Oil      | Shelton, 1/17, 33DA18                      |
| 4032                                            | Silmo XX Vitamin A & D Feeding Oil      | Pawcatuck, 2/24, None                      |
| 4033                                            | Silmo XX Vitamin A & D Feeding Oil      | Fairfield, 2/25, 33DA18                    |
| 4903                                            | Silmo XX Vitamin A & D Feeding Oil      | Shelton, 5/19, 33DA23                      |
| 4906                                            | Silmo XX Vitamin A & D Feeding Oil      | Fairfield, 5/19, 33DA24                    |
| 4385                                            | Silmo Vitamin D <sub>2</sub>            | North Haven, 3/25, 309                     |
| STABILIZED VITAMINS, INC., Brooklyn, N. Y.      |                                         |                                            |
| 4392                                            | D-Activated Animal Sterol Dry D         | Manchester, 3/26, 10246                    |
| 3780                                            | Perma-Mix C. C. C. No. 1                | Manchester, 1/16, 16673                    |
| 3783                                            | Perma-Mix C. C. C. No. 1                | Manchester, 1/16, 16862                    |
| 4036                                            | Perma-Mix C. C. C. No. 1                | Manchester, 2/26, 17075                    |
| 4389                                            | Perma-Mix C. C. C. No. 1                | Manchester, 3/26, 17295                    |
| 4893                                            | Perma-Mix C. C. C. No. 1                | Manchester, 5/16, 1794                     |
| 5729                                            | Perma-Mix C. C. C. No. 1                | Manchester, 9/8, 19072                     |
| 6166                                            | Perma-Mix C. C. C. No. 1                | Manchester, 10/27, 1948-5                  |
| 3781                                            | Perma-Mix C. C. C. No. 2                | Manchester, 1/16, 1685                     |
| 4035                                            | Perma-Mix C. C. C. No. 2                | Manchester, 2/26, 1710                     |
| 4390                                            | Perma-Mix C. C. C. No. 2                | Manchester, 3/26, 1734                     |
| 4894                                            | Perma-Mix C. C. C. No. 2                | Manchester, 5/16, 1795                     |
| 6165                                            | Perma-Mix C. C. C. No. 2                | Manchester, 10/27, 1938-1                  |
| 3782                                            | Perma-Mix C. C. C. No. 3                | Manchester, 1/16, 1684                     |
| 4034                                            | Perma-Mix C. C. C. No. 3                | Manchester, 2/26, 1711                     |
| 4037                                            | Perma-Mix C. C. C. No. 3                | Manchester, 2/26, 1652                     |
| 4391                                            | Perma-Mix C. C. C. No. 3                | Manchester, 3/26, 1735                     |
| 5730                                            | Perma-Mix C. C. C. No. 3                | Manchester, 9/8, 1871                      |
| VITARON CHEMICAL MFG. CO. INC., Brooklyn, N. Y. |                                         |                                            |
| 5737                                            | Vitamin A & D Feeding Oil               | Shelton, 9/9, 10568                        |
| 5739                                            | Vitamin A & D Feeding Oil               | Shelton, 9/9, 10638                        |
| 5833                                            | Vitamin A & D Feeding Oil               | Pawcatuck, 9/29, 10739                     |
| WARNER DOG FOOD CO. INC., Brooklyn, N. Y.       |                                         |                                            |
| 5757                                            | Warner's Dog Food Golden Special Kibble | Meriden, 9/12                              |

~~~~~ indicates deficiencies.

TABLE 2. VITAMIN CARRIERS - Continued

| Vitamin D, units/lb.    |              | Riboflavin,<br>mg/lb. |            | Niacin,<br>mg/lb. |             | Pantothenic<br>acid, mg/lb. |            |
|-------------------------|--------------|-----------------------|------------|-------------------|-------------|-----------------------------|------------|
| Guar.                   | Found        | Guar.                 | Found      | Guar.             | Found       | Guar.                       | Found      |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 30,000,000 <sup>1</sup> | Satisfactory |                       |            |                   |             |                             |            |
| 6,810,000               | Satisfactory |                       |            |                   |             |                             |            |
| 1,703,000               | Satisfactory | 4                     | 3.8        | 53                | 55          | 6                           | 5.4        |
|                         |              | 4                     | 3.8        | 53                | 51          | 6                           | 5.4        |
| 1,703,000               | Satisfactory | 4                     | <u>7</u>   | 53                | <u>40</u>   | 6                           | 6.5        |
| 1,703,000               | Satisfactory | 4                     | 4.4        | 53                | <u>60</u>   | 6                           | 5.1        |
| 1,703,000               | Satisfactory | 4                     | <u>5.4</u> | 53                | 48.5        | 6                           | 5.7        |
| 1,703,000               | Satisfactory | 4                     | <u>4</u>   | 53                | 58          | 6                           | 4.8        |
| 1,703,000               | Satisfactory | 4                     | 4.4        | 53                | 57          | 6                           | 6.2        |
| 1,021,000               | Satisfactory | 4.5                   | 5.3        | 54                | 58          | 5.5                         | 5.3        |
| 1,021,000               | Satisfactory | 4.5                   | 4.3        | 54                | <u>65</u>   | 5.5                         | 5.4        |
| 1,021,000               | Satisfactory | 4.5                   | 4.7        | 58                | <u>65</u>   | 5.5                         | 5.1        |
| 1,021,000               | Satisfactory | 4.5                   | <u>5.8</u> | 58                | 62          | 5.5                         | 5.7        |
| 1,021,000               | Satisfactory | 4.5                   | <u>4.7</u> | 58                | 61          | 5.5                         | <u>6.8</u> |
| 1,031,000               | Satisfactory | 6.5                   | 7.4        | 45                | 55          | 7.4                         | <u>8.4</u> |
| 1,031,000               | Satisfactory | 6.5                   | 6.4        | 45                | 40          | 7.4                         | 6.8        |
|                         |              | 6.5                   | <u>4.1</u> | 45                | 52          | 7.4                         | 6.0        |
| 1,031,000               | Satisfactory | 6.5                   | <u>6.1</u> | 45                | <u>57</u>   | 7.4                         | <u>5.3</u> |
| 1,031,000               | Satisfactory | 6.5                   | 7.1        | 45                | 44          | 7.4                         | 6.3        |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
| 136,200                 | Satisfactory |                       |            |                   |             |                             |            |
|                         |              | 1                     | <u>1.6</u> | .5                | <u>19.5</u> | 1.8                         | <u>2.4</u> |

TABLE 2. VITAMIN CARRIERS - Concluded

| Station No.                                     | Manufacturer and brand                      | Place, date of sampling and control number        |
|---|---|---|
| WHITMOYER LABORATORIES, INC., Myerstown, Pa.    |   |   |
| 4896  | Complete Starter Premix No. 3               | Manchester, 5/16, 45824                           |
| 4901  | Dri-Col (1500-D <sub>3</sub> )              | Derby, 5/19, 31458                                |
| 3792  | Flav-A-Dee                                  | Bridgeport, 1/17, None                            |
| 4445  | Flav-A-Dee                                  | Central Village, 4/2, None                        |
| 4905  | Flav-A-Dee                                  | Bridgeport, 5/19, None                            |
| 5740  | Flav-A-Dee                                  | Bridgeport, 9/9, None                             |
| 4446  | Gro-Tein                                    | Central Village, 4/2                              |
| 4447  | Whitcod Cod Liver Oil                       | Central Village, 4/2, 3758                        |
| 4900  | Whitmoyer Quality Vitamin A & D Feeding Oil | Derby, 5/19, 31858                                |
| WIRTHMORE FEEDS INC., Waltham, Mass.            |   |   |
| 6078  | Wirthmore Hog Grower Medicated              | Watertown, 10/21                                  |
| 5891  | Wirthmore Meatless Mink Food                | Danbury, 10/2, 282406-282401-282383-282402-282376 |
| 6188  | Wirthmore Mink Food                         | New Haven, 10/31, B19974-954-900-968-957          |
| 6187  | Wirthmore Pig & Sow Feed                    | Putnam, 10/30, B169980-B169985-B169921            |
| 4387  | Wirthmore Twin-Mix Calf Feed                | Amston, 3/25, U938946-U938947-U938949             |
| THE YANTIC GRAIN & PRODUCTS CO., Norwich, Conn. |   |   |
| 3791  | Big Y Vitamin A & D Feeding Oil             | Norwich, 1/17, 3413                               |
| 4453  | Big Y Vitamin A & D Feeding Oil             | Norwich, 4/8, M400                                |

~~~~ indicates deficiencies.

<sup>1</sup> U.S.P. units per lb; assayed by feeding to rats.



TABLE 2. VITAMIN CARRIERS - Concluded

| Vitamin D, units/lb. |              | Riboflavin,<br>mg/lb. |            | Niacin,<br>mg/lb. |            | Pantothenic<br>acid, mg/lb. |            |
|----------------------|--------------|-----------------------|------------|-------------------|------------|-----------------------------|------------|
| Guar.                | Found        | Guar.                 | Found      | Guar.             | Found      | Guar.                       | Found      |
| 1,031,000            | Satisfactory | 3.5                   | 3.3        | 45                | 47         | 8                           | 8          |
| 681,000              | Satisfactory |                       |            |                   |            |                             |            |
| 54,480               | Satisfactory | 100                   | 94         | 700               | <u>854</u> | 92                          | <u>60</u>  |
| 54,480               | Satisfactory | 100                   | 102        | 700               | <u>804</u> | 100                         | <u>104</u> |
| 54,480               | Satisfactory | 100                   | 117        | 700               | <u>842</u> | 100                         | <u>127</u> |
| 54,480               | Satisfactory | 100                   | 99         | 700               | <u>789</u> | 100                         | <u>114</u> |
|                      |              | 20                    | 20         |                   |            |                             |            |
| 136,000              | Satisfactory |                       |            |                   |            |                             |            |
| 136,000              | Satisfactory |                       |            |                   |            |                             |            |
|                      |              | 2                     | <u>2.9</u> | 20                | <u>25</u>  | 6                           | <u>7.4</u> |
|                      |              | 4.5                   | 5.0        | 20                | <u>35</u>  | 7                           | <u>10</u>  |
|                      |              | 4.5                   | <u>7.1</u> | 20                | <u>27</u>  | 7                           | <u>9</u>   |
|                      |              | 2                     | <u>3.3</u> | 20                | <u>25</u>  | 6                           | 7.1        |
| 2,000 <sup>1</sup>   | Satisfactory | 3                     | 2.5        | 3                 | <u>23</u>  | .92                         | <u>6.2</u> |
| 136,080              | Satisfactory |                       |            |                   |            |                             |            |
| 136,080              | Satisfactory |                       |            |                   |            |                             |            |





